

**Table S1. List of human ISGs and the corresponding 813 shRNAs included in the library for primary screen.**

Gene Symbol	Gene Definition	shRNA seed Sequence
TTC39B	tetratricopeptide repeat domain 39B	CAACTTATGTGTTCTTGA
CASP1	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	GGCAGAGATTATCCAATA
TCIRG1	T-cell, immune regulator 1, ATPase, H <sup>+</sup> transporting, lysosomal V0 subunit A3	CTCTGAGGCAGGAGAGGAA
HTR1D	5-hydroxytryptamine (serotonin) receptor 1D	GTGAGAAACTGTTTGATTA
ZNF384, Zfp384, Zfp384	zinc finger protein 384, zinc finger protein 384, zinc finger protein 384	CCTCCCAGATAACAGAGAA
CXCL10	chemokine (C-X-C motif) ligand 10	GCCATCAAGAACCTTACTGA
AKT3, Akt3, Akt3	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma), thymoma viral proto-oncogene 3, v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)	CTATGAAGATTCTGAAGAA
B2M	beta-2-microglobulin	GCTATCCAGCGTACTCCAA
ISG20, Isg20	interferon stimulated exonuclease gene 20kDa, interferon stimulated exonuclease 20	CTGCACAAGAGCATCCAGA
EMR1	egf-like module containing, mucin-like, hormone receptor-like 1	CGTAGTTCTCTGAAGAAT
DOCK4	dedicator of cytokinesis 4	GGAATGTCATGATTCCAAT
HMG1L6, SP100	SP100 nuclear antigen/ high-mobility group (nonhistone chromosomal) protein 1-like 6 pseudogene	GGACAAGGCCATTATGAA
HRASLS2	HRAS-like suppressor 2	GGGAAAGGCAATAATCCA
CD47	CD47 molecule	GTCAGGTGAATATTCAT
CCNG1	cyclin G1	CACAGAAGTGTAGAGTT
PPP2R2A	protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform	GCCAGTCCACGAAGAATAT
STAT1	signal transducer and activator of transcription 1, 91kDa	GCCCTAAAGGAACGGATA
C2orf30	chromosome 2 open reading frame 30	CAAGAACCTTCTATTGAA
IL18	interleukin 18 (interferon-gamma-inducing factor)	GACATGATAATAAGATGCA
CD38	CD38 molecule	CTTCAAGGGTGCATTAT
AIDA, LOC646890, LOC653631, Aida, LOC631071, LOC682999	axin interactor, dorsalization associated/ hypothetical LOC646890/ hypothetical LOC653631, axin interactor, dorsalization associated/ axin interaction partner and dorsalization antagonist pseudogene, hypothetical protein LOC682999	
IFIT2	interferon-induced protein with tetratricopeptide repeats 2	GATACAGGTTTATTGTAGA
ZC3HAV1	zinc finger CCCH-type, antiviral 1	CACTTATAGAGGGTGTAA
IFNGR1	interferon gamma receptor 1	CACTTGTAAACGATTCTTT
ZEB2	zinc finger E-box binding homeobox 2	GAAGTGAGATCCAGTATAA
IFIT3	interferon-induced protein with tetratricopeptide repeats 3	GCAAGGCCTTCAAATATAA
IFIT2	interferon-induced protein with tetratricopeptide repeats 2	GCTACTGCAACCTTCAGAA
ANKS1B	ankyrin repeat and sterile alpha motif domain containing 1B	CAGCAAATCCTTCATGTA
APOL1, APOL2	apolipoprotein L, 1/ apolipoprotein L, 2	CTGATAAACGCTAAATAGA
APOD	apolipoprotein D	CCCAGAGAGCAGTATCTT
PNPT1	polyribonucleotide nucleotidyltransferase 1	CAGGCCAACTACTCACTAA
IRF9	interferon regulatory factor 9	CCTGATGTCTTAGCAATTA
C2orf30	chromosome 2 open reading frame 30	CTGTCCTTGTGATAAT
LAP3	leucine aminopeptidase 3	GAAGATTGCAATCAACTA
NFS1	NFS1 nitrogen fixation 1 homolog ( <i>S. cerevisiae</i> )	GTGTCTGCTGCAAAGTTAA
C2orf30	chromosome 2 open reading frame 30	CCTCTTATGTGCTTAGAGC
		CCTCACTCCTGTCAATATA

<b>STAT2</b>	signal transducer and activator of transcription 2, 113kDa	CCAAGTCTGTGGAACCTAA
<b>AIDA,</b>		
<b>LOC646890,</b>		
<b>LOC653631</b>	axin interactor, dorsalization associatedl hypothetical LOC646890l hypothetical LOC653631	
<b>LMO2</b>	LIM domain only 2 (rhombotin-like 1)	CTGGGCCAATTGTAATAGA
<b>IL6</b>	interleukin 6 (interferon, beta 2)	GCCCTTGAGGGAGAACCTTA
<b>BIRC3</b>	baculoviral IAP repeat-containing 3	CAAAGAACATCTAGATGCAAT
<b>MAP3K8</b>	mitogen-activated protein kinase kinase kinase 8	CAACACGTTGAACTGAAA
<b>GLI3</b>	GLI-Kruppel family member GLI3	GTGTCAAGACAGTAATCAA
<b>SP140</b>	SP140 nuclear body protein	CCTCCACATCCCTACATTA
<b>ATL3</b>	atlastin GTPase 3	GTCAGTTCTTGTGTTCTCT
<b>TRIM6,</b>		CACTGATACCGTATGTATT
<b>TRIM6-</b>		
<b>TRIM34</b>		
<b>WDFY1</b>	tripartite motif-containing 6l TRIM6-TRIM34 readthrough transcript	CTACAAAGCTGAGAAAGTAT
<b>ANKS1B</b>	WD repeat and FYVE domain containing 1	CTCATAAATTGCTTCTTA
<b>ACSL4</b>	ankyrin repeat and sterile alpha motif domain containing 1B	CCTTCACTTAGTGGTCTA
<b>SAMHD1</b>	acyl-CoA synthetase long-chain family member 4	GACAATAAGGCTATCAATA
<b>ATCAY</b>	SAM domain and HD domain 1	CTGATTGAGTATATTGTA
<b>DEFA1,</b>		CTCCGACCTTATGTCCAAA
<b>DEFA3,</b>		
<b>LOC728358</b>	defensin, alpha 1l defensin, alpha 3, neutrophil-specificl defensin, alpha 1	CTTGAGAGCTACAGGGAA
<b>UGT1A1,</b>		
<b>UGT1A10,</b>		
<b>UGT1A3,</b>		
<b>UGT1A4,</b>		
<b>UGT1A5,</b>		
<b>UGT1A6,</b>		
<b>UGT1A7,</b>		
<b>UGT1A8,</b>		
<b>UGT1A9</b>	UDP glucuronosyltransferase 1 family, polypeptide A10l UDP glucuronosyltransferase 1 family, polypeptide A8l UDP glucuronosyltransferase 1 family, polypeptide A7l UDP glucuronosyltransferase 1 family, polypeptide A6l UDP glucuronosyltransferase 1 family, polypeptide A5l UDP glucuronosyltransferase 1 family, polypeptide A4l UDP glucuronosyltransferase 1 family, polypeptide A11 UDP glucuronosyltransferase 1 family, polypeptide A3	
<b>LOC339047,</b>		
<b>LOC399491,</b>		
<b>LOC642778,</b>		
<b>LOC642799,</b>		
<b>NPIP,</b>	nuclear pore complex interacting proteinl pyridoxal-dependent decarboxylase domain containing 2l hypothetical protein LOC339047l LOC399491 proteinl	GAGTTAAGAAAGCCCACAA
<b>PDXDC2</b>	hypothetical LOC642778l hypothetical LOC642799	
<b>SYNJ1</b>	synaptojanin 1	CCCGTAGACAGGAAGGAAT
<b>MYD88</b>	myeloid differentiation primary response gene (88)	CCCTGATTGATATAGATAT
<b>GPR177</b>	G protein-coupled receptor 177	CTAACCATGTCCCTGAACA
<b>LOC1001325</b>		CAAGTAAGATTACTGTAT
<b>40,</b>		
<b>LOC1001326</b>		
<b>20,</b>		
<b>LOC23117,</b>		
<b>NPIP</b>	nuclear pore complex interacting protein PI-3-kinase-related kinase SMG-1 isoform 1 homologl similar to LOC339047 proteinl similar to LOC339047 protein	CAGAGGTTCCGTATTGTA
<b>GBP2</b>	guanylate binding protein 2, interferon-inducible	CAATTCAACTCATGCTTAT
<b>B2M</b>	beta-2-microglobulin	GTGCATAAGTTAACTTCCA
<b>UBA7</b>	ubiquitin-like modifier activating enzyme 7	GCCAGATTATCCCAGCCAT
<b>MYD88</b>	myeloid differentiation primary response gene (88)	GACCCTAAATCCAATAGAA
<b>IRF8</b>	interferon regulatory factor 8	CAGATTGACAGTAGCATGT
<b>IFIT1</b>	interferon-induced protein with tetratricopeptide repeats 1	GTCAATGCAATTATCCATT
<b>GPR126</b>	G protein-coupled receptor 126	CTTAGACATTCTAGTAGA
<b>DAXX</b>	death-domain associated protein	GGCCATTAGGAAACAGCTA
<b>GCH1</b>	GTP cyclohydrolase 1	CGTATAGATGGTATAGGTA
<b>CCL5</b>	chemokine (C-C motif) ligand 5	GGGAGTACATCAACTCTTT
<b>FCGR1A,</b>	Fc fragment of IgG, high affinity Ia, receptor (CD64)l Fc fragment of IgG, high	CTCTGAATACCAAATACTA
<b>FCGR1B</b>	affinity Ib, receptor (CD64)	CTCACAGCTGAAACTTTAA
<b>LOC1001322</b>	nuclear pore complex interacting proteinl PI-3-kinase-related kinase SMG-1	

<b>47,</b>	isoform 1 homologl pyridoxal-dependent decarboxylase domain containing 2l
<b>LOC1001325</b>	hypothetical protein LOC339047l hypothetical LOC388237l LOC399491 proteinl
<b>40,</b>	hypothetical protein LOC440345l nuclear pore complex interacting protein
<b>LOC1001326</b>	pseudogenel nuclear pore complex interacting protein pseudogenel hypothetical
<b>20,</b>	LOC642778l hypothetical LOC642799l hypothetical LOC728734l hypothetical
<b>LOC1001339</b>	LOC728741l hypothetical LOC728888l NPIP-like protein ENSP00000283050l
<b>70,</b>	NPIP-like protein 2l hypothetical LOC730153l similar to Uncharacterized protein
<b>LOC23117,</b>	KIAA0220l similar to LOC339047 proteinl similar to LOC339047 proteinl
<b>LOC339047,</b>	similar to LOC339047 protein
<b>LOC388237,</b>	
<b>LOC399491,</b>	
<b>LOC440345,</b>	
<b>LOC440353,</b>	
<b>LOC613037,</b>	
<b>LOC642778,</b>	
<b>LOC642799,</b>	
<b>LOC728734,</b>	
<b>LOC728741,</b>	
<b>LOC728888,</b>	
<b>LOC729602,</b>	
<b>LOC729978,</b>	
<b>LOC730153,</b>	
<b>NPIP,</b>	
<b>PDXDC2</b>	
<b>APOD</b>	apolipoprotein D
<b>IFIT1</b>	interferon-induced protein with tetratricopeptide repeats 1
<b>PLSCR1</b>	phospholipid scramblase 1
<b>CEACAM1</b>	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
<b>HERC6</b>	hect domain and RLD 6
<b>AKT3</b>	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)
<b>CTSS</b>	cathepsin S
<b>DDX24</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24
<b>AKAP8,</b>	
<b>Akap8,</b>	
<b>Akap8</b>	
<b>PMP22</b>	peripheral myelin protein 22
<b>TRIM69</b>	tripartite motif-containing 69
<b>APOL2</b>	apolipoprotein L, 2
<b>ZEB2</b>	zinc finger E-box binding homeobox 2
<b>ASCC3</b>	activating signal cointegrator 1 complex subunit 3
<b>SLC45A2</b>	solute carrier family 45, member 2
<b>ANKFY1</b>	ankyrin repeat and FYVE domain containing 1
<b>DOCK4</b>	dedicator of cytokinesis 4
<b>GBP4</b>	guanylate binding protein 4
<b>PARP14</b>	poly (ADP-ribose) polymerase family, member 14
<b>GBP4</b>	guanylate binding protein 4
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2
<b>STAT3</b>	signal transducer and activator of transcription 3 (acute-phase response factor)
<b>IFI27L2</b>	interferon, alpha-inducible protein 27-like 2
<b>NMI</b>	N-myc (and STAT) interactor
<b>STAT1</b>	signal transducer and activator of transcription 1, 91kDa
<b>RGS22</b>	regulator of G-protein signaling 22
<b>ZNF148</b>	zinc finger protein 148
<b>IRF9</b>	interferon regulatory factor 9
<b>PARP12</b>	poly (ADP-ribose) polymerase family, member 12
<b>NAMPT</b>	nicotinamide phosphoribosyltransferase
<b>KRT1</b>	keratin 1
	GGAAAGATCAAAGTGTAA
	GCATCATTAACAAGGGATA
	CTGTCACCTGGATTAGAA
	CCCTTCAGCGATTATTAA
	CCATCATGGAAAGATTAA
	GATATAAAGAGAACCTCA
	CAGGCAGCAGGAACTTAA
	GCCAGGTTACAGGAATTAA
	CAGCTGGCAAGGTTATGAA
	CAGTCCACCTCATTTAGAA
	CAGAGAGCTTATTCCAGA
	GGAACACACCCAATGTTCT
	GAGACAGATCAGTAATATA
	ATATTGACTATTAAAGGA
	GTCTTACTTCACGGGATA
	CCCACCGCCTGCTTCTTA
	CTCAGTATTGAGATATA
	CCTACAAATGACAAGCAAT
	CITCCTTAGITATTGACTA
	CAGTTAAATAAGAGATTAA
	GTTATTAAACGTGTTAAAT
	AAGTTCATGGCCTTAGGTA
	CTCTCCACATCATCCAACA
	CATTCAAATGGATGAAGAA
	CTGAAGTATCTGTATCCAA
	GCCTCAGTTCTGTGAGTTT
	CTGTGCATAGTAGTACTAA
	CTGCTCACCTTCATCTACA
	CTGGTCTATGGCACAACAA
	CATCTTCCAATAGAAATAA
	CAAATCAAGTCACTCAACA

XAF1	XIAP associated factor 1	CTATGACATTCTGAGGAGA
ATL1	atlastin GTPase 1	CTGTGCACTTGGGCATATA
FAM3C	family with sequence similarity 3, member C	CTATTCGATAATTCTTA
INDO	indoleamine-pyrrole 2,3 dioxygenase	GTAAGGTCTTGCCAAGAAA
GBP3	guanylate binding protein 3	CTAGGTAAGTGGTTGACAT
LGALS9	lectin, galactoside-binding, soluble, 9	CTGACCCATGTGCAGACAT
IL18	interleukin 18 (interferon-gamma-inducing factor)	GCAATGAAATTATTGACA
PLSCR1	phospholipid scramblase 1	CTTAGACCTTGATGTTAA
CA13	carbonic anhydrase XIII	CTATTACACTGTAATGAA
TXNDC17	thioredoxin domain containing 17	CTCAAAGAACGTGATTCT
CA13	carbonic anhydrase XIII	CATTGTTGACATATATTAA
LAMP3	lysosomal-associated membrane protein 3	CTGACTTAGTCTTAATAA
ATF3	activating transcription factor 3	CGACGAGAAAGAAATAAGA
TMOD3	tropomodulin 3 (ubiquitous)	CAGAGCAGCTAATGCTATA
CTTNBP2N L, RPL41	ribosomal protein L41  CTTNBP2 N-terminal like	CGAGTGTAAACAACCATA
USP18	ubiquitin specific peptidase 18	GACTTCACCAGGATATTGA
GNB4	guanine nucleotide binding protein (G protein), beta polypeptide 4	CTGATAGCTTCATGTTAA
TRIM69	tripartite motif-containing 69	ACAGTAATGAGTCATAATA
SLAMF7	SLAM family member 7	ATGTTGGCAGATACTATA
IL1RN	interleukin 1 receptor antagonist	CAAATGTCAATTAGAAGA
ACSL4	acyl-CoA synthetase long-chain family member 4	CAACTAAAGTTGACTTTA
SEC14L3	SEC14-like 3 ( <i>S. cerevisiae</i> )	CTCATCACACCAAGTGGAA
AURKB	aurora kinase B	ATCCCCTAACTGTTCCCTTA
MAFK, TMEM184A	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian) transmembrane protein 184A	CAGTTCCATTTCATTATT
IFRG15	interferon responsive gene 15	ACCAAGATGGACCTTGAGA
CD38	CD38 molecule	CTGTTTCAGTATTCTGGAA
WIPF1	WAS/WASL interacting protein family, member 1	GAATTGCCCCCTCCTAGAA
FTL, GBP4, LOC392437, SEC62	ferritin, light polypeptidel SEC62 homolog ( <i>S. cerevisiae</i> )l guanylate binding protein 4  hypothetical LOC392437	CTCCCAGATTCTGCAGAACAT
CD47	CD47 molecule	CTCAGCTACTATTAATAAA
CCL4	chemokine (C-C motif) ligand 4	GTGTCATTCCATTATTITA
C19orf66	chromosome 19 open reading frame 66	CAACTTCTTCAGAGTAAT
GMPR	guanosine monophosphate reductase	CAATGGGTATTCAAGAACAT
HLA-DQA1, HLA-DRA	major histocompatibility complex, class II, DQ alpha 1  major histocompatibility complex, class II, DR alpha	CAATGTACCTCCAGAGGTA
OSBPL9	oxysterol binding protein-like 9	CAGCTCGGGAAATAGTCTA
NFIL3	nuclear factor, interleukin 3 regulated	CACACAAGCTCCGGATCAA
BLMH	bleomycin hydrolase	CAACCAAGAGGATGAATGA
OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	CTTCAACGCTCTGAGCTTA
EMR1	egf-like module containing, mucin-like, hormone receptor-like 1	CAGAGCATGCAACTTGTAA
SAMD9	sterile alpha motif domain containing 9	GTGATTATCCTAAATTGTA
SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	AAGTTCACCAAGACTCTATA
IFI35	interferon-induced protein 35	CTCTGAGAGTCTCTCCGTA
OSBPL9	oxysterol binding protein-like 9	CTGTTCATTCCTAAATCTCT
MSMB	microseminoprotein, beta-	CTACGAAACAGAAATTCA
NLRC5	NLR family, CARD domain containing 5	CAACATGACTCAGCTCTAT
FAM106A HCN3, PKLR	family with sequence similarity 106, member A pyruvate kinase, liver and RBC hyperpolarization activated cyclic nucleotide-gated potassium channel 3	CAATTCAATGGTGTAGA
OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	CTCTCCTACTCTACAGCAT
		GTGTTCCATAACTCACTTA

<b>CEACAM1</b>	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	GGCAGTAATGCTTCTCCTA
<b>RTP4</b>	receptor (chemosensory) transporter protein 4	GTACATAATGGATTAGTA
<b>GBP3</b>	guanylate binding protein 3	CTAGTGCTGACCTATATCA
<b>IRF7</b>	interferon regulatory factor 7	CGCCTAGAACCCAGTCTAA
<b>NFS1</b>	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	CTCTCTATATGGATGTGCA
<b>PLSCR1</b>	phospholipid scramblase 1	ATATGCATATTATCTTTAA
<b>ATL3</b>	atlastin GTPase 3	CTTCTTCTCATATCGTAA
<b>SP110</b>	SP110 nuclear body protein	GGCTCTATGCCAGAGATAA
<b>TNFSF13B</b>	tumor necrosis factor (ligand) superfamily, member 13b	CTTACTCTTGCCTTAAGA
<b>CXCR4</b>	chemokine (C-X-C motif) receptor 4	CCAAGTTCTTAGTTGCTGT
<b>NT5C3</b>	5'-nucleotidase, cytosolic III	GTGCCCTGAGGAATACAGA
<b>APOL6</b>	apolipoprotein L, 6	CTGCTGAAAGATTATCTA
<b>WIPF1</b>	WAS/WASL interacting protein family, member 1	CTCTTCCTTAATATCTGT
<b>GTPBP2</b>	GTP binding protein 2	GGCCCAGAGTCTGAAGAAA
<b>NPC2</b>	Niemann-Pick disease, type C2	CTGAATAAACTACCAGTGA
<b>ATL1</b>	atlastin GTPase 1	CATGACCAATTGTCAATT
<b>AKT3</b>	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)	CAAAGCCAACACATTTAT
<b>GBP2</b>	guanylate binding protein 2, interferon-inducible	GATTGAAGTGGAACGTATA
<b>IFI6</b>	interferon, alpha-inducible protein 6	CACCCACAAGTATCTCGAT
<b>VISA</b>	virus-induced signaling adapter	CAAACATCTCGTTCTTT
<b>HSD17B14</b>	hydroxysteroid (17-beta) dehydrogenase 14	CTGTCTTATCCTCTGTGA
<b>SERPINB7</b>	serpin peptidase inhibitor, clade B (ovalbumin), member 7	GCCTTCTTGATAAGACA
<b>ATCAY</b>	ataxia, cerebellar, Cayman type	CTCAGAAACTGGCTCTGAA
<b>TRIM14</b>	tripartite motif-containing 14	GCTAATGCAGAGTCAAGTA
<b>CA13</b>	carbonic anhydrase XIII	GACACTAACGATTAACCTA
<b>EXOC4</b>	exocyst complex component 4	CTGAACATTGTTGGATGAAA
<b>LPGAT1</b>	lysophosphatidylglycerol acyltransferase 1	CTCTTAGCTGTAGTCTATA
<b>MOV10</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	CTGAGTATCTTCATGGGAA
<b>NFS1</b>	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	CACTCCATCTGATTTGCAT
<b>MOV10</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	CAGGAATACGGGTCTTAA
<b>MSMB</b>	microseminoprotein, beta-	CATTGATTAAATACACATT
<b>IRF3</b>	interferon regulatory factor 3	CCCTTCATTGTAGATCTGA
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2	CTTCCTGACATGAAAGAAA
<b>GBP1</b>	guanylate binding protein 1, interferon-inducible, 67kDa	CTGTGTAACAAACTGAAA
<b>MAP3K8</b>	mitogen-activated protein kinase kinase kinase 8	GACCATGTGTCAAGACAGT
<b>PSMB8</b>	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)	CGTGTCTCTATTGAACA
<b>SLC45A2</b>	solute carrier family 45, member 2	GCCATAAGTGTCAACCATGA
<b>ZC3HAV1</b>	zinc finger CCCH-type, antiviral 1	GAGCGGAATTATGCAAAT
<b>LOC23117,</b> <b>LOC339047,</b> <b>LOC729602,</b> <b>LOC729978,</b> <b>NPIP</b>	nuclear pore complex interacting protein PI-3-kinase-related kinase SMG-1 isoform 1 homologl hypothetical protein LOC339047l NPIP-like protein ENSP00000283050l NPIP-like protein 2	CACTCTGTTGGGTTATCA
<b>STAT1</b>	signal transducer and activator of transcription 1, 91kDa	CAAGCGTAATCTTCAGGAT
<b>IRF1, Irf1,</b> <b>Irf1</b>	interferon regulatory factor 1, interferon regulatory factor 1, interferon regulatory factor 1	CAGATTAATTCCAACCAAA
<b>IRF1, Irf1,</b> <b>Irf1</b>	interferon regulatory factor 1, interferon regulatory factor 1, interferon regulatory factor 1	CAGATTAATTCCAACCAAA
<b>RSAD2,</b> <b>Rsd2,</b> <b>Rsd2</b>	radical S-adenosyl methionine domain containing 2, radical S-adenosyl methionine domain containing 2, radical S-adenosyl methionine domain containing 2	ATGAAAGACTCCTACCTA
<b>BTC</b>	betacellulin	CTATCAATGAAGATATTGA

<b>DTX3L</b>	deltex 3-like (Drosophila)	CTTACTTTGAATACTTTAA
<b>IFIT2</b>	interferon-induced protein with tetratricopeptide repeats 2	CCCTGGAATGCTTACGTAA
<b>DDX24</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	GGCTGTGGAATTAATTAA
<b>SOCS1</b>	suppressor of cytokine signaling 1	ACCTCTTCATGTTACATA
<b>IFIT2</b>	interferon-induced protein with tetratricopeptide repeats 2	CCAAATCCTTCATGTAATA
<b>TRIM6,</b> <b>TRIM6-</b> <b>TRIM34</b>	tripartite motif-containing 61 TRIM6-TRIM34 readthrough transcript	CGTGGTTGAGTTAGATAA
<b>GOSR1</b>	golgi SNAP receptor complex member 1	GAGACAATGGCGATTGAGA
<b>TMEM173</b>	transmembrane protein 173	CTGGCATGGTCATATTACA
<b>GMPR</b>	guanosine monophosphate reductase	CACTCCATGTTACAGCAA
<b>PNPT1</b>	polyribonucleotide nucleotidyltransferase 1	CAATAGGATTGGTCACCAA
<b>NUB1</b>	negative regulator of ubiquitin-like proteins 1	CTCTTTAAAGAGCTATATA
<b>KRT1</b>	keratin 1	GCCCTACTTGTAGTCATT
<b>CCDC50</b>	coiled-coil domain containing 50	GAGAAATCATCTTGACAA
<b>C19orf66</b>	chromosome 19 open reading frame 66	GAGTCTACCGTTCATTCCT
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2	CCAGAAGGATTTCATTATA
<b>AKAP8</b>	A kinase (PRKA) anchor protein 8	CCCAGAATATGCTGTAATC
<b>CDKN1A</b>	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	CAGCCTCTGGCATTAGAAT
<b>BIRC3</b>	baculoviral IAP repeat-containing 3	CCTCTAGTGTCTAGTTAA
<b>PELI1</b>	pellino homolog 1 (Drosophila)	GTTACAAGATGGCTCGTTA
<b>CDKN1A</b>	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	CTGATCTTCTCCAAGAGGAA
<b>DTX3L</b>	deltex 3-like (Drosophila)	GCACCATTGTGATTACTTA
<b>APOBEC1</b>	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1	GGAATGCTCCCAGGCTATT
<b>CTTNBP2N</b>		CCTAATGAGCAATTGAAGA
<b>L</b>	CTTNBP2 N-terminal like	GAGCTGATTTCATCTGCTA
<b>IFIT5</b>	interferon-induced protein with tetratricopeptide repeats 5	GCACATATTCATAACCAA
<b>CXCL11</b>	chemokine (C-X-C motif) ligand 11	CAATTCTTACGGAGGAATA
<b>HRASLS2</b>	HRAS-like suppressor 2	CAGATACATCAGAGATAAAA
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2	GCCATTGTGACCCAGAGAT
<b>CTTNBP2N</b>	CTTNBP2 N-terminal like	GATGGCCCAGAGCAAGAAA
<b>L</b>		CCAGAGGTGTTAGAAGATA
<b>KLK8</b>	kallikrein-related peptidase 8	
<b>AKT3</b>	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)	
<b>EPC1,</b> <b>IGHM,</b> <b>IGHV3-30,</b> <b>LOC1001329</b>		
<b>41,</b> <b>LOC1001337</b>	immunoglobulin heavy constant mul immunoglobulin heavy variable 3-30l	GATTCACCTTCAGTAGCTA
<b>39,</b>	enhancer of polycomb homolog 1 (Drosophila)l single-chain Fv fragmentl similar	CATTCTGACTTCTAGGATTC
<b>LOC1001342</b>	to Ig heavy chain V-III region VH26 precursorl hypothetical protein	CCCAGGATTTCACAGTCGA
<b>56,</b> <b>LOC652494,</b> <b>SCFV</b>	LOC100132941l similar to hCG2038920l similar to hCG2042717	CTGAAGCTAACGCAAGGTA
<b>PLA1A</b>	phospholipase A1 member A	GAGACAACTACAGGGTCAA
<b>BATF2</b>	basic leucine zipper transcription factor, ATF-like 2	CAGATTCTTCAGAGTCTA
<b>GBP3</b>	guanylate binding protein 3	CAAACCGAATAAGGCATTA
<b>HRASLS2</b>	HRAS-like suppressor 2	GACAGTTCCATGTATACCA
<b>BIRC3</b>	baculoviral IAP repeat-containing 3	
<b>MAFK</b>	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	CCGAGTGTCTCCTACAGAA
<b>CEACAM1,</b> <b>CEACAM3</b>	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	
<b>TTC39B,</b> <b>Ttc39b,</b> <b>Ttc39b</b>	carcinoembryonic antigen-related cell adhesion molecule 3	
	tetratricopeptide repeat domain 39B, tetratricopeptide repeat domain 39B,	
	tetratricopeptide repeat domain 39B	

<b>MAFK</b>	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	CGTGGTAGGTAATCCATAT
<b>SERPINB7</b>	serpin peptidase inhibitor, clade B (ovalbumin), member 7	GTGTCTCACCCATTCTAA
<b>RNASE6</b>	ribonuclease, RNase A family, k6	CTAGGATTCTCCTCTGAA
<b>PSME2,</b>	proteasome (prosome, macropain) activator subunit 2 (PA28 beta), proteasome	GCCTTCTATGCTGAGCTTT
<b>Psme2,</b>	(prosome, macropain) 28 subunit, betal protease (prosome, macropain) 28 subunit	CAACCAATGTGCTATTCAA
<b>Psme2b-ps</b>	beta B, pseudogene	CTTGGAGGTCCAATAATA
<b>ICAM1</b>	intercellular adhesion molecule 1	CTCTCAGTGATGGAGATAA
<b>APOL6</b>	apolipoprotein L, 6	CAGCTTATTGTAGACCATT
<b>IL13RA1</b>	interleukin 13 receptor, alpha 1	GACATCGAGTGCTTCCTTA
<b>PLA1A</b>	phospholipase A1 member A	CCATTTATGTTGTGACA
<b>IRF7</b>	interferon regulatory factor 7	CATGTCCTCTCACAGCAATA
<b>IFI44L</b>	interferon-induced protein 44-like	CCTGTGTTCACAGCAATAA
<b>C19orf66</b>	chromosome 19 open reading frame 66	GAGTTACTGTTGACAAGT
<b>RNASE6</b>	ribonuclease, RNase A family, k6	GTGTCTCTCACAGCTTGAA
<b>EXOC4</b>	exocyst complex component 4	CAATTCTGGGATGCACAA
<b>HLA-B,</b>		CAGCCTCCCAACTACGAGA
<b>HNRPA1P5,</b>	major histocompatibility complex, class I, B1 MHC class I polypeptide-related	CAGGGAGTAGTACTAAAT
<b>MICA</b>	sequence A1 heterogeneous nuclear ribonucleoprotein A1 pseudogene 5	
<b>TMOD3</b>	tropomodulin 3 (ubiquitous)	
<b>IFITM2</b>	interferon induced transmembrane protein 2 (1-8D)	
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2	
<b>HMG1L6,</b>		
<b>LOC10001328</b>		
<b>63,</b>		
<b>LOC729858,</b>		
<b>SP100,</b>		
<b>100043354,</b>		
<b>4932431P20</b>		
<b>Rik,</b>		
<b>EG666491,</b>		
<b>EG666786,</b>		
<b>LOC10004460</b>		
<b>19,</b>		
<b>LOC10004483</b>		
<b>50,</b>		
<b>OTTMUSG0</b>		
<b>0000006164,</b>		
<b>OTTMUSG0</b>	SP100 nuclear antigen high-mobility group (nonhistone chromosomal) protein 1-	
<b>0000015039,</b>	like 6 pseudogenes similar to mCG50622l similar to hCG26831, RIKEN cDNA	
<b>OTTMUSG0</b>	4932431P20 gene predicted gene, EG666491l predicted gene, EG666786l	
<b>0000015121,</b>	predicted gene, OTTMUSG00000006164l predicted gene,	
<b>LOC498043,</b>	OTTMUSG00000015039l predicted gene, 100043354l predicted gene,	
<b>LOC500210,</b>	OTTMUSG00000015121l similar to high-mobility group box 1l similar to high-	
<b>LOC685764,</b>	mobility group box 1, similar to Hmgb1 proteinl similar to High mobility group	
<b>LOC686375,</b>	protein 1 (HMG-1)l similar to High mobility group protein 1-like 10 (HMG-	
<b>RGD156226</b>	1L10)l similar to High mobility group protein 1 (HMG-1) (High mobility group	
<b>6,</b>	protein B1) (Amphoterin) (Heparin-binding protein p30)l similar to High mobility	
<b>RGD156458</b>	group protein 1 (HMG-1) (High mobility group protein B1) (Amphoterin)	
<b>1</b>	(Heparin-binding protein p30)l similar to High mobility group protein 1 (HMG-1)	
<b>LOC1001319</b>	(High mobility group protein B1) (Amphoterin) (Heparin-binding protein p30)	
<b>40, SNX5</b>		
<b>GBP2</b>	sorting nexin 5l sorting nexin 5 pseudogene	CATTATGAAAGAGAAATGA
<b>PLSCR2</b>	guanylate binding protein 2, interferon-inducible	GGTCTATGACCAAAGAAGA
<b>TGM2</b>	phospholipid scramblase 2	CAAATCATTGGAGCCAATA
<b>CXCL11</b>	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-	CATTGAATATTACATGGA
<b>OAS1</b>	glutamyltransferase)	CCAAGTTCATCAAGAACAT
<b>RGS22</b>	chemokine (C-X-C motif) ligand 11	GAAACATTCTTATGCATCA
<b>SCGB2A1</b>	2',5'-oligoadenylate synthetase 1, 40/46kDa	CTGAATTACCATGCTTTA
<b>CTTNBP2N, L, RPL41</b>	regulator of G-protein signaling 22	CTGGATAGAAGATACGCTT
	secretoglobin, family 2A, member 1	CAGTCACATAGAACTCTGA
	ribosomal protein L4l CTTNBP2 N-terminal like	CATATAATAAATCACCTCT

<b>SP110</b>	SP110 nuclear body protein	CAAAGAACTGGAAACGGAA
<b>AURKB</b>	aurora kinase B	GCCTGATGGTCCCTGTCAT
<b>JAK2</b>		GTACAGATTTCGCAGATT
<b>IL13RA1,</b>		
<b>II13ra1</b>	interleukin 13 receptor, alpha 1, interleukin 13 receptor, alpha 1	CAAATAATGGTCAAGGATA
<b>IFIH1</b>	interferon induced with helicase C domain 1	GATATTAAAGAATGTAACA
<b>PPM1K</b>	protein phosphatase 1K (PP2C domain containing)	CTTGCAATGACAAGAAGTA
<b>MYO1C</b>	myosin IC	GGCTGAATTATCGGTGATA
<b>WDFY1</b>	WD repeat and FYVE domain containing 1	GCAATATTCTGGCAATT
<b>TOR3A</b>	torsin family 3, member A	GTCTTGACATGTTGTTGT
<b>RARRES3</b>	retinoic acid receptor responder (tazarotene induced) 3	CCCAAACCTGGAGACCTGA
<b>TRIM22</b>	tripartite motif-containing 22	CGCACCTGCACATITAAGA
<b>TDRD7</b>	tudor domain containing 7	GATCGCACATGTTATTTA
<b>STAT2</b>	signal transducer and activator of transcription 2, 113kDa	CACCCTCCCTGTGGTGATT
<b>SP100</b>	SP100 nuclear antigen	GGAAACTCCACATCACAA
<b>HERC6</b>	hect domain and RLD 6	CATACATGCTTATGCATGA
<b>TNFSF10</b>	tumor necrosis factor (ligand) superfamily, member 10	GGCATTGCTTGTITCTAA
<b>FAM129A</b>	family with sequence similarity 129, member A	CTGAGCAGGTGATTATTT
<b>DDX24</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	GAACCAGTACCCAGAAAGA
<b>KLK8,</b>		
<b>KLK9</b>	kallikrein-related peptidase 8  kallikrein-related peptidase 9	AGCACTAGATCTCCCTAA
<b>AIDA,</b>		
<b>LOC646050,</b>		
<b>LOC646890,</b>		
<b>LOC653631</b>	axin interactor, dorsalization associated  hypothetical LOC646050  hypothetical LOC646890  hypothetical LOC653631	CCAATTGTAATAGAACTAT
<b>SC4MOL</b>		ACCATTGTTTATTAGAAA
<b>SNX5,</b>		
<b>LOC293740,</b>		
<b>Snx5</b>	sterol-C4-methyl oxidase-like	
<b>ATP6V0A1</b>		
<b>DAXX</b>	sorting nexin 5, similar to Sorting nexin-5  sorting nexin 5	AGAAGAACTCCTTATTAA
<b>GBP4,</b>	ATPase, H <sup>+</sup> transporting, lysosomal V0 subunit a1	CTGGAAC TGACCGAATTAA
<b>GBP7,</b>	death-domain associated protein	CATCGTTACTGTCAGAAGA
<b>5830443L24</b>		
<b>Rik, 675363,</b>		
<b>BC057170,</b>		
<b>EG634650,</b>		
<b>Gbp10,</b>	guanylate binding protein 4  guanylate binding protein 7, guanylate binding	GAGTTCTTCCAGACTTT
<b>Gbp4,</b>	protein 4  RIKEN cDNA 5830443L24 gene  macrophage activation 2 like  cDNA sequence BC057170  guanylate-binding protein 10  predicted gene, EG634650  predicted gene, 675363, similar to Hypothetical protein E430029F06	CAATGAGAGTCAATCTCTA
<b>Mpa2l,</b>		GCAAGACATTCTACATTA
<b>RGD156152</b>		CACATCTTCACTCAAGATA
<b>3</b>		GTGGTCTAATCAACAGATA
<b>IFI44L</b>	interferon-induced protein 44-like	CATTCACTTGCATTGTAAA
<b>SAMD9,</b>		CCCTGGATGAAAGTCCTATA
<b>SAMD9L</b>	sterile alpha motif domain containing 9  sterile alpha motif domain containing 9-like	CAGTATCTTATTGAGGAT
<b>PARP14</b>	poly (ADP-ribose) polymerase family, member 14	CCCGGCATGAGTTGAAGA
<b>ANKS1B</b>	ankyrin repeat and sterile alpha motif domain containing 1B	CGTCATATGCCAGTTGGAT
<b>GPR126</b>	G protein-coupled receptor 126	
<b>HSD17B14</b>	hydroxysteroid (17-beta) dehydrogenase 14	
<b>APOL1,</b>		
<b>APOL2</b>	apolipoprotein L, 1  apolipoprotein L, 2	
<b>UBA7</b>	ubiquitin-like modifier activating enzyme 7	
<b>HERC5</b>	hect domain and RLD 5	
<b>LMO2,</b>		
<b>Lmo2,</b>		
<b>LOC1000482</b>	LIM domain only 2 (rhombotin-like 1), LIM domain only 2  similar to LIM domain only 2	CCGCCTGTCAGAACGCATT
<b>63</b>		CCAAGCCACTGATGGGAAT
<b>UBE2L6</b>	ubiquitin-conjugating enzyme E2L 6	

<b>TRIM22</b>	tripartite motif-containing 22	CTGCTTATCCGTATITCAA
<b>MX1</b>	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	CTCATCACACATATCTGTA
<b>ATL3, Atl3</b>	atlastin GTPase 3, atlastin GTPase 3	CCCTGACTTGTGGAAA
<b>GPR177</b>	G protein-coupled receptor 177	CCCACTGAGTTAATATTAA
<b>C2orf30</b>	chromosome 2 open reading frame 30	CATCTCCTGTGAATGACAT
<b>CXCR4</b>	chemokine (C-X-C motif) receptor 4	CAGCTGTTATGCATAGAT
<b>APOL6</b>	apolipoprotein L, 6	GAAAGATTATCTATAATCT
<b>NPC2</b>	Niemann-Pick disease, type C2	CCAGCAATATTCACTAA
<b>TRIM34, TRIM6- TRIM34</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	GTTATAGGGTTACAGAATA
<b>FAM46A, Fam46a, Fam46a</b>	family with sequence similarity 46, member A, family with sequence similarity 46, member A, family with sequence similarity 46, member A	GCTAATGTCACTTGCTATT
<b>ACSL4, Acsl4, Acsl4</b>	acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long- chain family member 4, acyl-CoA synthetase long-chain family member 4 acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long- chain family member 4, acyl-CoA synthetase long-chain family member 4	CAGATACTCTGGATAAAATT
<b>ACSL4, Acsl4, Acsl4</b>	serpin peptidase inhibitor, clade B (ovalbumin), member 7	CAGATACTCTGGATAAAATT
<b>SERPINB7</b>	lymphocyte antigen 6 complex, locus E	CTGCTGCTTCTAGAAAATA
<b>LY6E</b>	transmembrane protein 140	CCAGAGCTTCTGTGCAAT
<b>TMEM140</b>	tripartite motif-containing 22	CAGCTGCTGTTCATGAGCA
<b>TRIM22</b>	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	AAGAGATGCTTGTACATTA
<b>CEACAM1</b>	hect domain and RLD 5	CAACCTTCTGTCAITGAA
<b>HERC5</b>	Niemann-Pick disease, type C2	GACACAAACTTAATTCTCA
<b>NPC2</b>	guanosine monophosphate reductase	CAGCTCTGCTGCTTCAACA
<b>GMPR</b>		CTTCACGTTTCGAAATTCA
<b>CTTNBP2N L</b>	CTTNBP2 N-terminal like	GTAAGGATGTTGAGTTACT
<b>PPM1K</b>	protein phosphatase 1K (PP2C domain containing)	GAATTAACCTCATGGTGAA
<b>NFIL3</b>	nuclear factor, interleukin 3 regulated	GCTGTATATATTGAACATT
<b>CASP1</b>	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	CAATCTTAACATGTTGAA
<b>TRIM6, TRIM6- TRIM34</b>	tripartite motif-containing 6  TRIM6-TRIM34 readthrough transcript	AGGATCCAGACAGAGTTA
<b>IL6</b>	interleukin 6 (interferon, beta 2)	CTCAGATTGTTGTTGTTAA
<b>TRIM6, TRIM6- TRIM34</b>	tripartite motif-containing 6  TRIM6-TRIM34 readthrough transcript	AGTTAACATCAGCTGCGAAA
<b>ACRC</b>	acidic repeat containing	CTGTGTATGTGCAGAAGTA
<b>WDFY1</b>	WD repeat and FYVE domain containing 1	ATGTTAACGCTCCTGTATT
<b>CXCL1</b>	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	CAATCTGATTCTATTTA
<b>IL8</b>	interleukin 8	CCAATAATGAGTTAGAACT
<b>SLC16A4</b>	solute carrier family 16, member 4 (monocarboxylic acid transporter 5)	GTTCTGCTTCTTATACCCA
<b>HIST2H2BE</b>	histone cluster 2, H2be	CAAATGAGCTCTAGACATT
<b>ANKS1B, Anks1b, Anks1b</b>	ankyrin repeat and sterile alpha motif domain containing 1B, ankyrin repeat and sterile alpha motif domain containing 1B, ankyrin repeat and sterile alpha motif domain containing 1B	GGCTAACTGTCAGAAGTCT
<b>STAT1</b>	signal transducer and activator of transcription 1, 91kDa	AGCTGTTACTCAAGAAGAT
<b>LGALS9</b>	lectin, galactoside-binding, soluble, 9	GACTTCAGATCACTGTCAA
<b>SEMA6D</b>	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	GGATCAAGTTTACACAGTA
<b>GNB4</b>	guanine nucleotide binding protein (G protein), beta polypeptide 4	GCTGGTTACGATGACTTTA
<b>GBP1</b>	guanylate binding protein 1, interferon-inducible, 67kDa	CACCCTAGCTTCTTAGTGA
<b>IL1RN</b>	interleukin 1 receptor antagonist	GACCAAATGTCAATTAGA
<b>CXCL1</b>	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	CTGCACACTGTCCTATTAT
<b>RGS22</b>	regulator of G-protein signaling 22	CTGGTGCTACTCAAAGTAT

<b>NMI</b>	N-myc (and STAT) interactor	GCATTCAAATGGATGAAGA
<b>SYNJ1</b>	synaptojanin 1	CTGCCAGTCACCTACAATA
<b>SOCS1</b>	suppressor of cytokine signaling 1	CTCCTACCTCTCATGTTT
<b>ICAM3</b>	intercellular adhesion molecule 3	CTCAGATCCGACCAATA
<b>C2, CFB</b>	complement factor B1 complement component 2	CTGATCAAGCTAAGAATA
<b>DDX3Y,</b> <b>LOC1001302</b>		
<b>20, Ddx3x,</b> <b>LOC1000459</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linkedl hypothetical protein LOC100130220, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3, X-linkedl similar to DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked, DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linkedl similar to ATP-dependent RNA helicase DDX3X	CACCTCATTCTTAATGAA
<b>23, Ddx3x,</b> <b>LOC498906</b>		GAGGCACTGATTAAATGAA
<b>INDO</b>	indoleamine-pyrrole 2,3 dioxygenase	CTCTGTCTATGGAGACTTT
<b>IRF1</b>	interferon regulatory factor 1	AGGTATATATGGAAACAAA
<b>SNX5</b>	sorting nexin 5	GCGCTATATTCCCTCAT
<b>DDX3X</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	GTAACATCCTTCTATTGA
<b>CD38</b>	CD38 molecule	CCAAACCTGAGTTCTACA
<b>OGFR</b>	opioid growth factor receptor	CCTTGGAAACCATCTCAAT
<b>TTC39B</b>	tetratricopeptide repeat domain 39B	CAAATCATGATTGACATAT
<b>IFNGR1</b>	interferon gamma receptor 1	CTCATGCTGTTACTGTATA
<b>C2orf30,</b> <b>RGD130650</b>		
<b>8</b>	chromosome 2 open reading frame 30, similar to hypothetical protein CL25084	
<b>LOC1001325</b>		
<b>40,</b>		
<b>LOC1001326</b>		
<b>20,</b>		
<b>LOC1001339</b>		
<b>70,</b>		
<b>LOC23117,</b>		
<b>LOC339047,</b>		
<b>LOC399491,</b>		
<b>LOC642778,</b>		
<b>LOC642799,</b>		
<b>LOC728734,</b>	nuclear pore complex interacting proteinl PI-3-kinase-related kinase SMG-1	GAAATTGGATATGAAAGAA
<b>LOC728741,</b>	isoform 1 homologl hypothetical protein LOC339047  LOC399491 proteinl	CTGGGTGAAATATACAAA
<b>LOC729602,</b>	hypothetical LOC642778l hypothetical LOC642799l hypothetical LOC728734l	CTCCTGGTGGCATACAAGA
<b>LOC729978,</b>	hypothetical LOC728741l NPIP-like protein ENSP00000283050l NPIP-like	AAGGTAACCTATAACTTA
<b>LOC730153,</b>	protein 2l hypothetical LOC730153l similar to LOC339047 proteinl similar to	CAAAGGAGCAAGTTAATA
<b>NPIP</b>	LOC339047 proteinl similar to LOC339047 protein	GGTTTCAGACTTGATGAGA
<b>IFI27</b>	interferon, alpha-inducible protein 27	GATGTGAGATCTACTTGAA
<b>KRT1</b>	keratin 1	CCATCCATAGCCCTGGGAA
<b>IFIT5</b>	interferon-induced protein with tetratricopeptide repeats 5	AGTCTGAAGTCACATTGTA
<b>REEP3</b>	receptor accessory protein 3	CAAGACATTTCTACATTAA
<b>CCNG1</b>	cyclin G1	CTGTAAACTTGCTATACAA
<b>CASP12</b>	caspase 12 (gene/pseudogene)	CATCTTATGGCATTGACAA
<b>CHAC1</b>	ChaC, cation transport regulator homolog 1 (E. coli)	GGATTAGCGACAAATTAA
<b>SLAMF7</b>	SLAM family member 7	GGATTAGCGACAAATTAA
<b>SAMD9,</b>	sterile alpha motif domain containing 9l sterile alpha motif domain containing 9-	GAAGGAAATAGTACTTACA
<b>SAMD9L</b>	like	GCCCAACCTGATGATTAT
<b>SP140</b>	SP140 nuclear body protein	CACATTATGGACACTTAAA
<b>UBD</b>	ubiquitin D	CACATCAAATGCCTCAAAT
<b>DDX58</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	
<b>DDX58</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	
<b>FCGR1A</b>	Fc fragment of IgG, high affinity Ia, receptor (CD64)	
<b>SEC14L3</b>	SEC14-like 3 (S. cerevisiae)	
<b>HIST2H2BE</b>	histone cluster 2, H2be	
<b>ADAR</b>	adenosine deaminase, RNA-specific	

<b>TRIM14</b>	tripartite motif-containing 14	GAAATTCACTGAACTCAGA
<b>HSD17B14</b>	hydroxysteroid (17-beta) dehydrogenase 14	CTCCCTGGAGCTGTCTTITA
<b>OASL</b>	2'-5'-oligoadenylate synthetase-like	CTCATCCTCTCGAAGAAGA
<b>B2M</b>	beta-2-microglobulin	GACATGATCTTCTTATAA
<b>SLC16A4</b>	solute carrier family 16, member 4 (monocarboxylic acid transporter 5)	CTGGTTATATGATTATACC
<b>GTPBP2</b>	GTP binding protein 2	CTCAAAGTCTTCTGAATA
<b>NAMPT</b>	nicotinamide phosphoribosyltransferase	AAGATGATGTCTTAATGA
<b>IRF8</b>	interferon regulatory factor 8	GTACGCTGTGCTTGAAT
<b>GBP5</b>	guanylate binding protein 5	CTGAAGAAGTTCTGCAGAA
<b>SAMHD1</b>	SAM domain and HD domain 1	CCATCATCTTGAATCCAA
<b>MAP3K8</b>	mitogen-activated protein kinase kinase kinase 8	CGTGTAAACTGATCCAGT
<b>SYNJ1</b>	synaptosomal-associated protein 1	GTGATACTATGTTACATTA
<b>ZNF384</b>	zinc finger protein 384	GTCTCACTTGTCTTCCAT
<b>CYP26A1</b>	cytochrome P450, family 26, subfamily A, polypeptide 1	GAAATCTGATGAGCTTGAA
<b>IL8</b>	interleukin 8	GGAGAAATATAACAAATAGCA
<b>PSMB9</b>	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	GTGAGAAATATCAGCTATA
<b>BLMH</b>	bleomycin hydrolase	CAGCCCATTGACTTCTGA
<b>LYPLA1, Lypla1</b>	lysophospholipase I, lysophospholipase 1	CATTCTTCTAACAGAAATT
<b>CCL5</b>	chemokine (C-C motif) ligand 5	CACACAGCAGCAGTTACAA
<b>AGT</b>	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	CGTGTAGTGTCTGTAATAC
<b>RSAD2</b>	radical S-adenosyl methionine domain containing 2	GAGTCGCTTCAAGATAAAA
<b>LOC1001325 40,</b>		
<b>LOC1001326 20,</b>		
<b>LOC23117, NPIP</b>	nuclear pore complex interacting protein PI-3-kinase-related kinase SMG-1 isoform 1 homolog 1 similar to LOC339047 protein similar to LOC339047 protein	GAGGTTCCGTATTTGTAAT
<b>LPGAT1</b>	lysophosphatidylglycerol acyltransferase 1	GGTAGATAATCTGGTAATA
<b>SCGB2A1</b>	secretoglobin, family 2A, member 1	GACAGCATTTGGGTGAATA
<b>GMPR</b>	guanosine monophosphate reductase	ATGTTACAGCAATTCTATA
<b>MX2</b>	myxovirus (influenza virus) resistance 2 (mouse)	GACAAGATGTTCTTCTAA
<b>AIDA, LOC653631, Aida,</b>		
<b>LOC631071, LOC682999</b>	axin interactor, dorsalization associated hypothetical LOC653631, axin interactor, dorsalization associated axin interaction partner and dorsalization antagonist pseudogene, hypothetical protein LOC682999	GATAGACGAGTATCAGATA
<b>VISA</b>	virus-induced signaling adapter	GTTCTTAAGGCCTAACTT
<b>NLRC5</b>	NLR family, CARD domain containing 5	CTCAGGCAGTGTCACTGAA
<b>GNB4</b>	guanine nucleotide binding protein (G protein), beta polypeptide 4	GATTGTCCCTGCATCTGAA
<b>APOL1</b>	apolipoprotein L, 1	CTAACACATTCTCAACAAATA
<b>AURKB</b>	aurora kinase B	GCCAGAAGGTGATGGAGAA
<b>DTX3L</b>	delta t 3-like (Drosophila)	CAAGTTGCTGATGACTTT
<b>NAMPT</b>	nicotinamide phosphoribosyltransferase	GGCATCTTCCAATAGAAAT
<b>OSBPL9, Osbpl9</b>	oxysterol binding protein-like 9, oxysterol binding protein-like 9	GTAGTTCTCCAACGTTTA
<b>PMP22</b>	peripheral myelin protein 22	CAAACGGAGCCCTTGCAA
<b>GOSR1</b>	golgi SNAP receptor complex member 1	CAGGTATAGTTCTGATACAA
<b>IFRG15</b>	interferon responsive gene 15	CAGGTATTCTTAGACCGTA
<b>TMEM146</b>	transmembrane protein 146	GAGCATGTCTTAGGTATA
<b>SP100</b>	SP100 nuclear antigen	GTGCCTGTGGTCCCACTAA
<b>TRIM25</b>	tripartite motif-containing 25	GGAACAGTTAGTGGATTAA
<b>IFI16</b>	interferon, gamma-inducible protein 16	CATATCAGATTATTGGAA

<b>TRIM14</b>	tripartite motif-containing 14	CCAAGAAATTCTTGTATAA
<b>ZNF148</b>	zinc finger protein 148	CCTTAACCTTGTGACTGAT
<b>TRIM6,</b>		
<b>TRIM6-</b>		
<b>TRIM34</b>		
<b>PARP12</b>	tripartite motif-containing 6l TRIM6-TRIM34 readthrough transcript	CGCGCTCTGTTCTTAAGA
<b>IFRD1</b>	poly (ADP-ribose) polymerase family, member 12	CTGCCTACCATTTATAGAA
<b>DEFA1,</b>		CAATCAATGAAGTGAAGAA
<b>DEFA3</b>		
<b>NAMPT,</b>	interferon-related developmental regulator 1	GAETGCTATTGCAGAACATC
<b>Nampt,</b>		
<b>Nampt</b>	defensin, alpha 1  defensin, alpha 3, neutrophil-specific	AGTACATTCTTAATAAGTA
<b>SEMA6D</b>	nicotinamide phosphoribosyltransferase, nicotinamide phosphoribosyltransferase, nicotinamide phosphoribosyltransferase	CACACTTCATGCCAT
<b>EIF2AK2,</b>	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	GTTTACATTTCAAGTTATA
<b>Eif2ak2</b>	eukaryotic translation initiation factor 2-alpha kinase 2, eukaryotic translation initiation factor 2-alpha kinase 2	AGCAGAGCTCTGACAGAT
<b>ASCC3</b>	activating signal cointegrator 1 complex subunit 3	CAGTGTATAATCAGCCAGT
<b>PLSCR1</b>	phospholipid scramblase 1	GTTATAGGATTACAGAATA
<b>TRIM22</b>	tripartite motif-containing 22	CTGCCTCTTGATTACTAA
<b>SEC14L2</b>	SEC14-like 2 (S. cerevisiae)	CTGCCAGGCTTTGTGAATT
<b>MX1</b>	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	GCCTCAGACTGTGAAGTAT
<b>UBE2L6</b>	ubiquitin-conjugating enzyme E2L 6	GCTGCTCTATGACATTGTA
<b>SP100</b>	SP100 nuclear antigen	GTGATAATCGTGTCTGAA
<b>IRF9</b>	interferon regulatory factor 9	GGTTAACATTCTAGGCAGT
<b>CCNG1</b>	cyclin G1	
<b>ANP32B,</b>	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B1 similar to	
<b>LOC646791,</b>	Acidic leucine-rich nuclear phosphoprotein 32 family member B (PHAPI2	
<b>Anp32b,</b>	protein) (Silver-stainable protein SSP29) (Acidic protein rich in leucines), acidic	
<b>OTTMUSG0</b>	(leucine-rich) nuclear phosphoprotein 32 family, member B1 predicted gene,	
<b>0000010553</b>	OTTMUSG00000010553	
<b>HLA-F</b>	major histocompatibility complex, class I, F	
<b>CCDC50,</b>	coiled-coil domain containing 50, coiled-coil domain containing 50	
<b>Ccdc50</b>	interferon-induced protein with tetrastricopeptide repeats 3	
<b>IFIT3</b>	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	
<b>AGT</b>	bone marrow stromal cell antigen 2	
<b>BST2</b>	poly (ADP-ribose) polymerase family, member 9	
<b>PARP9</b>	interferon induced transmembrane protein 1 (9-27)	
<b>IFITM1</b>	interferon regulatory factor 1, interferon regulatory factor 1, interferon regulatory	
<b>IRF1, Irf1,</b>	factor 1	
<b>Irf1</b>	interferon regulatory factor 1, interferon regulatory factor 1, interferon regulatory	
<b>IRF1, Irf1,</b>	factor 1	
<b>Irf1</b>	tripartite motif-containing 6l TRIM6-TRIM34 readthrough transcript	
<b>TRIM6,</b>	FK506 binding protein 1B, 12.6 kDa	
<b>TRIM6-</b>		
<b>TRIM34</b>		
<b>FKBP1B</b>	tripartite motif-containing 6l TRIM6-TRIM34 readthrough transcript	CTGCCTTCTCGGAACCGGA
<b>TRIM6,</b>	keratin 1	CACTTTCTCTTATAAAAT
<b>TRIM6-</b>		
<b>TRIM34</b>	solute carrier family 45, member 2, solute carrier family 45, member 2, solute	CGCTCTGTTCTTAAGATT
<b>KRT1</b>	carrier family 45, member 2	GATAGTGTGAGAAATTCAA
<b>SLC45A2,</b>		
<b>Sle45a2,</b>		
<b>Sle45a2</b>	toll-like receptor 3	CCCATCAAAGCCTACTTAT
<b>TLR3</b>	interferon, alpha-inducible protein 27	GAGAAACTTCTCAATTAA
<b>IFI27</b>	DEXH (Asp-Glu-X-His) box polypeptide 58	CAAATATACTGGGTGAAA
<b>DHX58</b>	kallikrein-related peptidase 10	CTTGTACGCACATAGACAT
<b>KLK10</b>	receptor accessory protein 3	AAATACATGTCCTGGATCA
<b>REEP3</b>		CAGTAAAGGTAATTGTTCA

<b>PMP22,</b>	peripheral myelin protein 22, peripheral myelin protein 22, peripheral myelin	
<b>Pmp22,</b>	protein 22	
<b>Pmp22</b>		
<b>HLA-DQA1,</b>		
<b>LOC1001336</b>	major histocompatibility complex, class II, DQ alpha 1   similar to HLA class II	
<b>78,</b>	histocompatibility antigen, DQ(1) alpha chain precursor (DC-4 alpha chain)	
<b>LOC731682</b>	similar to hCG2042724	
<b>CDKN1A</b>	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	
<b>C1S</b>	complement component 1, s subcomponent	
<b>REC8</b>	REC8 homolog (yeast)	
<b>PLSCR2</b>	phospholipid scramblase 2	
<b>HLA-A,</b>		
<b>HLA-A29.1,</b>	major histocompatibility complex, class I, A1 major histocompatibility complex,	
<b>HLA-B,</b>	class I, B1 major histocompatibility complex, class I, C1 major histocompatibility	
<b>HLA-C,</b>	complex, class I, H (pseudogene)   major histocompatibility complex class I HLA-	
<b>HLA-H,</b>	A29.1   hypothetical protein LOC100133382	
<b>LOC10013333</b>		
<b>82</b>		
<b>CCNG1</b>	cyclin G1	
<b>B2M</b>	beta-2-microglobulin	
<b>NT5C3,</b>	5'-nucleotidase, cytosolic III, 5'-nucleotidase, cytosolic III, 5'-nucleotidase,	
<b>Nt5c3, Nt5c3</b>	cytosolic III	
<b>REC8</b>	REC8 homolog (yeast)	
<b>SERPINB7</b>	serpin peptidase inhibitor, clade B (ovalbumin), member 7	
<b>AIM1</b>	absent in melanoma 1	
<b>KBTBD8</b>	kelch repeat and BTB (POZ) domain containing 8	
<b>AKAP8</b>	A kinase (PRKA) anchor protein 8	
<b>JAK2</b>	Janus kinase 2 (a protein tyrosine kinase)	
<b>PAK3, Pak3,</b>	p21 protein (Cdc42/Rac)-activated kinase 3, p21 (CDKN1A)-activated kinase 3,	
<b>Pak3</b>	p21 (CDKN1A)-activated kinase 3	
<b>TNFSF13B</b>	tumor necrosis factor (ligand) superfamily, member 13b	
<b>CTSS</b>	cathepsin S	
<b>OAS1</b>	2',5'-oligoadenylate synthetase 1, 40/46kDa	
<b>GBP4</b>	guanylate binding protein 4	
<b>IFITM1</b>	interferon induced transmembrane protein 1 (9-27)	
<b>SOCS1</b>	suppressor of cytokine signaling 1	
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2	
<b>IFI44L</b>	interferon-induced protein 44-like	
<b>NP</b>	nucleoside phosphorylase	
<b>TCIRG1</b>	T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3	
<b>HCP5</b>	HLA complex P5	
<b>PSMB9</b>	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional	
	peptidase 2)	
<b>AKT3, Akt3</b>	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma),	
<b>PLA1A</b>	thymoma viral proto-oncogene 3	
<b>ISG15</b>	phospholipase A1 member A	
<b>IFRG15</b>	ISG15 ubiquitin-like modifier	
<b>LSS</b>	interferon responsive gene 15	
<b>HERC6</b>	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	
<b>GBP1</b>	hect domain and RLD 6	
	guanylate binding protein 1, interferon-inducible, 67kDa	
<b>NFS1, Nfs1</b>	NFS1 nitrogen fixation 1 homolog ( <i>S. cerevisiae</i> ), NFS1 nitrogen fixation 1	
<b>SEC14L2</b>	homolog ( <i>S. cerevisiae</i> )	
<b>STAT3</b>	SEC14-like 2 ( <i>S. cerevisiae</i> )	
<b>SLC25A28</b>	signal transducer and activator of transcription 3 (acute-phase response factor)	
	solute carrier family 25, member 28	
		CCACCAACTGTAGATGTAT
		GCTACCTAACCTCCTAGTA
		CCTCTGGCATTAGAATTAT
		CAGAGAACCTTTGAAGAA
		CTGCTTACCTCATTTCTGA
		CTAGAGACCTTGATGTTAA
		CACTCCATGAGGTATTCT
		CTTGTCTATGGATTCAT
		CAGAGAATGGAAAGTCAAA
		CTGCCAAACTTCAGATAAT
		AAGAAGCTATCTGTTAGA
		CATAAATTGCCATTCAA
		CTGGAAAGGTAGTGTATATA
		CTAAATAAATGGACTCGTA
		GATTCCAGGTGAATATTAA
		CCAATTCTATGAAGCAAAT
		CAAAGTAAACGAAGCACTA
		CGCCTTACTTCTTGCCCTA
		CTAAATTAAACCTAAACGTA
		CTGAGAAGGCAGCTCACGA
		GCCTACAAATGACAAGCAA
		CTGTGACAGTCTACCATAT
		CAGCTTAACTGTATCTGGA
		GCAGTTAGTCCTTTATTAT
		GGCTTACATTGATTACAAT
		GCAAACAAGCTGCACAGAA
		CCGCTACCTGCTCCTGCTT
		CAGATTACAATTACAATCA
		CGCTTCACCAACAGACGCTA
		GTCATTATTGCAAAGGATG
		CTGAAGATAGCCTGTGTGT
		AGCATCCTGGTGAGGAATA
		CCTTGTCTTCCTTGGTCT
		GCGCTTAAGTATTTCACA
		CATGCAAGAGGCATACAGA
		CCAAATACACAATGTATT
		CACTTGATGTCAATGACAT
		GAAATAACACCTCTCCTA
		GGCGTCCAGTTCACTACTA
		CACCTCAAGTGGAGTTAGA

<b>NMI</b>	N-myc (and STAT) interactor	GCCAAGCCAGTTCATTAA
<b>VISA</b>	virus-induced signaling adapter	GCAGGTCAGTTAACAAATT
<b>SLC16A4</b>	solute carrier family 16, member 4 (monocarboxylic acid transporter 5)	GCAATCAAGTGAGAGCTAA
<b>CCNG1</b>	cyclin G1	CAACTGACTTGATCCGAAT
<b>PARP9</b>	poly (ADP-ribose) polymerase family, member 9	CTTTAAAGCTGCTTCAGAA
<b>HERC5</b>	hect domain and RLD 5	GGTTTCATTAGTGGAGAA
<b>IFRD1</b>	interferon-related developmental regulator 1	CAGCTCTGAAGGTATTAA
<b>SLC25A28,</b> <b>LOC679437,</b> <b>Slc25a28</b>	solute carrier family 25, member 28, similar to solute carrier family 25, member 28  solute carrier family 25, member 28	GCCAGAGTAATTACCAAGA
<b>GCH1</b>	GTP cyclohydrolase 1	GCTGTTGCTTATTAGTAA
<b>PARP14</b>	poly (ADP-ribose) polymerase family, member 14	CTCAGTGCCTTAAATTATA
<b>ICAM1</b>	intercellular adhesion molecule 1	CCACGCATCTGATCTGTAG
<b>IFIH1</b>	interferon induced with helicase C domain 1	CCTACAAATTAAATGACACA
<b>ASCC3</b>	activating signal cointegrator 1 complex subunit 3	GAAGGTATATCTACACATT
<b>NP</b>	nucleoside phosphorylase	CTACTAGCTTTGAGATA
<b>SAMD9L</b>	sterile alpha motif domain containing 9-like	GAGACAAATTCAACATGA
<b>IFI44</b>	interferon-induced protein 44	GAATCTAAGGGAGGAAATT
<b>GPR177</b>	G protein-coupled receptor 177	CAGGTAGCCCAGTAGTTA
<b>DDX3X,</b> <b>Ddx3x</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked, DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	CCATCTTGAGTCAGATTAA
<b>DDX3X</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	CTGGCAACCTCATTCTTTA
<b>TNFSF10</b>	tumor necrosis factor (ligand) superfamily, member 10	GCAATAACCTCAAAGTGAC
<b>AGXT</b>	alanine-glyoxylate aminotransferase	CTCCCGGAATGTTAATA
<b>KBTBD8</b>	kelch repeat and BTB (POZ) domain containing 8	CCTACACTTCAGAGTTAT
<b>APOL1</b>	apolipoprotein L, 1	CAGAGCCAATCTTCAGTCA
<b>STAT2</b>	signal transducer and activator of transcription 2, 113kDa	CCCACACTATGCATGGTAT
<b>IL18</b>	interleukin 18 (interferon-gamma-inducing factor)	GAAATCGGCCTCTATTGTA
<b>REC8</b>	REC8 homolog (yeast)	GAGCTATTGTTCAAGCAGA
<b>TNFSF13B,</b> <b>Tnfsf13b</b>	tumor necrosis factor (ligand) superfamily, member 13b, tumor necrosis factor (ligand) superfamily, member 13b	CATGGCTTCTCAGTTAA
<b>XDH</b>	xanthine dehydrogenase	CTCTTCCTGGCTGCTTCTA
<b>DDX24</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	CCGGCTGTGGAATTAAATT
<b>HSH2D</b>	hematopoietic SH2 domain containing	CCACACTCCTGAATGCCCT
<b>ZNFX1</b>	zinc finger, NFX1-type containing 1	GGAATGTACTGCATCGGAA
<b>CYP26A1</b>	cytochrome P450, family 26, subfamily A, polypeptide 1	CAGCTTATCTAACATGTCA
<b>IFI6</b>	interferon, alpha-inducible protein 6	CCACCCACAAGTATCTCGA
<b>ZNFX1</b>	zinc finger, NFX1-type containing 1	CAACCAGCTTGCTTCTGAA
<b>GBP5</b>	guanylate binding protein 5	CTGGAAGCATCCTCGGATT
<b>PPM1K</b>	protein phosphatase 1K (PP2C domain containing)	GCAGCTATGGGTTCTTCT
<b>CXCL1</b>	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	GTCCTATTATATTCTATTCT
<b>PMP22</b>	peripheral myelin protein 22	CTGAATAATTCTGTGTAAT
<b>FAM3C</b>	family with sequence similarity 3, member C	CTGTGTTATCTAACTTCA
<b>DTX3L</b>	deltex 3-like (Drosophila)	CTGATTTAATGCCAGTCTA
<b>NFS1</b>	NFS1 nitrogen fixation 1 homolog ( <i>S. cerevisiae</i> )	GAECTCCACCCAGTTATTCTA
<b>TNFAIP6</b>	tumor necrosis factor, alpha-induced protein 6	AGTACTACTCTACTGGAA
<b>SERPING1</b>	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ATGGAACCCCTTCACCTCA
<b>TAP2</b>	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	CGCCTTGTACCTGCTCAT
<b>PPP2R2A</b>	protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform	CTCCCATGTCTGCTAGCCAT
<b>ACSL4,</b> <b>Acsl4, Acsl4</b>	acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long-chain family member 4	GAGCAGATACTCTGGATAA
<b>ACSL4,</b> <b>Acsl4, Acsl4</b>		GAGCAGATACTCTGGATAA

<b>ASCC3</b>	activating signal cointegrator 1 complex subunit 3	GACTTGAACTTATTGAGAA
<b>IFIH1, Ifih1, Ifih1</b>	interferon induced with helicase C domain 1, interferon induced with helicase C domain 1, interferon induced with helicase C domain 1	GAGAGAAGATGATGTATAA
<b>ATP6V0A1</b>	ATPase, H <sup>+</sup> transporting, lysosomal V0 subunit a1	CTGAGTCTGTTCAACCATA
<b>IFI44L</b>	interferon-induced protein 44-like	GACATAAAGAGGATAATTAA
<b>OAS2</b>	2'-5'-oligoadenylate synthetase 2, 69/71kDa	GGCTCATTGATCTGTATAA
<b>GBP5</b>	guanylate binding protein 5	ACAACATTCCAAGCTCAA
<b>ZNF384</b>	zinc finger protein 384	CTCAGTCCCTGAGAGCCAT
<b>TAP2</b>	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	CATGAAGTCTGTCGCTATA
<b>PARP9</b>	poly (ADP-ribose) polymerase family, member 9	CATTGTAAGTATTCTGAAT
<b>CXCL1</b>	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	CACACTGCTTATTATATT
<b>CHAC1</b>	ChaC, cation transport regulator homolog 1 (E. coli)	CACTGAAGGCATTGGCCTA
<b>CCNG1</b>	cyclin G1	GCAAGAGCTTGTATCCAAA
<b>PSMB10</b>	proteasome (prosome, macropain) subunit, beta type, 10	GACAAGAGCTGCGAGAAGA
<b>TLR3</b>	toll-like receptor 3	CATATATAATTCATGCCATA
<b>ANP32B</b>	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	CAGTTACACTGAGATTGTA
<b>BTC</b>	betacellulin	GACAGAAATGTGTCTCAGGA
<b>ANKFY1</b>	ankyrin repeat and FYVE domain containing 1	GAGCCAAGTGAAACGAATT
<b>DOCK4</b>	dedicator of cytokinesis 4	CATTCTTGTCAAAGAATA
<b>BTC</b>	betacellulin	CACCAGAACGCTGAAACT
<b>DHX58</b>	DEXH (Asp-Glu-X-His) box polypeptide 58	CTACCAAGGCCACTTCTAT
<b>PPP2R2A</b>	protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform	GTCATGCTATGGGATTITAA
<b>HTR1D</b>	5-hydroxytryptamine (serotonin) receptor 1D	GAGCTTAAAGGAGGGTGAA
<b>KRT1</b>	keratin 1	GCAGGAAATTGATTCCTT
<b>IL6</b>	interleukin 6 (interferon, beta 2)	GACATGACAACTCATCTCA
<b>PLSCR1</b>	phospholipid scramblase 1	GTAAATATTCTACATGAA
<b>PNPT1</b>	polyribonucleotide nucleotidyltransferase 1	GGCACACAGGAAATTAGAAA
<b>SYNJ1</b>	synaptosomal-associated protein 1	GTGAACATATGCTAAGTAA
<b>UGT1A1, UGT1A10, UGT1A3, UGT1A4, UGT1A5, UGT1A6, UGT1A7, UGT1A8, UGT1A9</b>	UDP glucuronosyltransferase 1 family, polypeptide A10  UDP glucuronosyltransferase 1 family, polypeptide A8  UDP glucuronosyltransferase 1 family, polypeptide A7  UDP glucuronosyltransferase 1 family, polypeptide A6  UDP glucuronosyltransferase 1 family, polypeptide A5  UDP glucuronosyltransferase 1 family, polypeptide A9  UDP glucuronosyltransferase 1 family, polypeptide A4  UDP glucuronosyltransferase 1 family, polypeptide A11  UDP glucuronosyltransferase 1 family, polypeptide A3	
<b>IL8</b>	interleukin 8	GTTCCCATGGTGTATGA
<b>SC4MOL</b>	sterol-C4-methyl oxidase-like	CAGTGAAACTTCAAGCAA
<b>LOC100132540, LOC100132620, LOC339047, LOC642778, LOC642799, NPIP</b>	nuclear pore complex interacting protein  hypothetical protein LOC339047  hypothetical LOC642778  hypothetical LOC642799  similar to LOC339047 protein	GGAACTATATGTTGAATAA
<b>ASCC3</b>	activating signal cointegrator 1 complex subunit 3	
<b>TRIM34, TRIM6-TRIM34</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	CGGATGATAATCTCAAGAA
<b>IL8</b>	interleukin 8	CAGTTTATATCCAAGACTT
<b>CASP12</b>	caspase 12 (gene/pseudogene)	GATTTAGTGTCTGGAACAT
<b>TRIM21</b>	tripartite motif-containing 21	CACAGTCAATATTAGTAAT
<b>PARP12, Parp12</b>	poly (ADP-ribose) polymerase family, member 12, poly (ADP-ribose) polymerase family, member 12	CTTGGATACTCAGTGGTTA
		CAGTGAAGCAGCCTCCTTA
		CGGGAAGAACTGTAGGAAT

<b>DDX24</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	CGGCTGTGGAAATTAATTA
<b>EIF2AK2</b>	eukaryotic translation initiation factor 2-alpha kinase 2	GCCAGAAGGATTCATTAT
<b>GLI3</b>	GLI-Kruppel family member GLI3	CAGCTTGTGCACCATATAA
<b>IL13RA1</b>	interleukin 13 receptor, alpha 1	CTTCCACAATGATGACCTA
<b>RGS22</b>	regulator of G-protein signaling 22	CGATGAAGATGAGACCATT
<b>CHAC1</b>		CTCTTACCCACTTGGTTGT
<b>FAM106A, LOC1001289 73, LOC1001293 96,</b>	<b>ChaC</b> , cation transport regulator homolog 1 (E. coli)	
<b>LOC1001325 68</b>	family with sequence similarity 106, member A1 similar to Protein FAM106A1 similar to Protein FAM106A1 similar to Protein FAM106A	CTCTGAGGAACCTTATTAGA
<b>LOC339047, LOC399491, LOC642778, LOC642799, NPPIP, PDXDC2</b>	nuclear pore complex interacting proteinl pyridoxal-dependent decarboxylase domain containing 2l hypothetical protein LOC339047l LOC399491 proteinl hypothetical LOC642778l hypothetical LOC642799	
<b>APOD</b>	apolipoprotein D	CCGTAGACAGGAAGGAATT
<b>SERPINB7</b>	serpin peptidase inhibitor, clade B (ovalbumin), member 7	GCTGCACCCACTCCATGTT
<b>NMI</b>	N-myc (and STAT) interactor	CAGATACAATGGTGGCATA
<b>LAMP3</b>	lysosomal-associated membrane protein 3	GAGTCAGATTCCAGGTTA
<b>TAP2</b>	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	GGAAGCAGACTCTGTATAA
<b>TAPBP</b>	TAP binding protein (tapasin)	CAGACCCTGGTATAACATAT
<b>IL4I1</b>	interleukin 4 induced 1	GAGTGAGACTGGGACAAGA
<b>FTL, GBP4, LOC392437, SEC62, 382986, EG383891, EG665937, ENSMUSG0 0000062382, Ftl1, Ftl2, LOC434624, LOC545679, LOC630762, Ftl, LOC364392, LOC364842, LOC367190, LOC680217, LOC682465, LOC686673, LOC688591, LOC690464, RGD130693 9, RGD156068 7, RGD156105 5, RGD156219 2, RGD156618 9</b>	ferritin, light polypeptidel SEC62 homolog (S. cerevisiae)  guanylate binding protein 4l hypothetical LOC392437, ferritin light chain 1l ferritin light chain 2l predicted gene, 382986l predicted gene, EG383891l similar to Ferritin light chain 1 (Ferritin L subunit 1)l similar to Ferritin light chain 1 (Ferritin L subunit 1)l predicted gene, ENSMUSG0000062382l predicted gene, EG665937, ferritin, light polypeptidel similar to mKIAA0386 proteinl similar to Ferritin light chain 1 (Ferritin L subunit 1)l similar to Ferritin light chain 1 (Ferritin L subunit 1)l similar to Ab2-162l similar to Ferritin light chain 1 (Ferritin L subunit 1)l similar to ferritin light chain similar to Ferritin light chain (Ferritin L subunit)l similar to Ferritin light chain 2 (Ferritin L subunit 2) (Ferritin subunit LG)l similar to Ferritin light chain 2 (Ferritin L subunit 2) (Ferritin subunit LG)l hypothetical protein LOC686673l similar to Ferritin light chain 1 (Ferritin L subunit 1)l hypothetical protein LOC690464	CTCTCAACCAGGCCCTCAA
<b>FAM46A, Fam46a</b>	family with sequence similarity 46, member A, family with sequence similarity 46, member A	CAGATTCGTCAGAATTATT
<b>PSME2, LOC304754, Psme2</b>	proteasome (prosome, macropain) activator subunit 2 (PA28 beta), proteasome (prosome, macropain) 28 subunit, betal similar to Proteasome activator complex subunit 2 (Proteasome activator 28-beta subunit) (PA28beta) (PA28b) (Activator of multicatalytic protease subunit 2) (11S regulator complex beta subunit) (REG-beta)	CTGCAATTAGAACATTTT
		CAAGGATGATGAGATGGAA

<b>ACSL4,</b>	acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long-chain family member 4	AGCAGATACTCTGGATAAA
<b>Acsl4, Acsl4</b>	acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long-chain family member 4	AGCAGATACTCTGGATAAA
<b>ACSL4,</b>	acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long-chain family member 4	
<b>Acsl4, Acsl4</b>	acyl-CoA synthetase long-chain family member 4, acyl-CoA synthetase long-chain family member 4	
<b>LGALS3BP,</b>	lectin, galactoside-binding, soluble, 3 binding protein similar to lectin, galactoside-binding, soluble, 3 binding protein	
<b>LOC1001338</b>	SAM domain and HD domain 1	
<b>42</b>	interleukin 18 (interferon-gamma-inducing factor)	
<b>SAMHD1</b>	negative regulator of ubiquitin-like proteins 1	
<b>IL18</b>	interferon-related developmental regulator 1	
<b>NUB1</b>	promyelocytic leukemia	
<b>IFRD1</b>	toll-like receptor 3	
<b>PML</b>	tropomodulin 3 (ubiquitous)	
<b>TLR3</b>	interferon induced transmembrane protein 2 (1-8D)	
<b>TMOD3</b>	atlastin GTPase 3	
<b>IFITM2</b>	hect domain and RLD 6	
<b>ATL3</b>	lectin, galactoside-binding, soluble, 9I lectin, galactoside-binding, soluble, 9B1	
<b>HERC6</b>	lectin, galactoside-binding, soluble, 9C	
<b>LGALS9,</b>	tumor necrosis factor (ligand) superfamily, member 13b	
<b>LGALS9B</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	
<b>LGALS9C</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	
<b>TNFSF13B</b>	G protein-coupled receptor 126	
<b>DDX58</b>	DEXH (Asp-Glu-X-His) box polypeptide 58	
<b>DDX58</b>	zinc finger, NFX1-type containing 1	
<b>GPR126</b>	GTP cyclohydrolase 1	
<b>DHX58</b>	WD repeat and FYVE domain containing 1	
<b>ZNFX1</b>	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	
<b>GCH1</b>	xanthine dehydrogenase	
<b>WDFY1</b>	intercellular adhesion molecule 1	
<b>PSMB9</b>	poly (ADP-ribose) polymerase family, member 9	
<b>XDH</b>	guanine nucleotide binding protein (G protein), beta polypeptide 4	
<b>ICAM1</b>	chemokine (C-C motif) ligand 4	
<b>PARP9</b>	ataxia, cerebellar, Cayman type	
<b>GNB4</b>	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	
<b>CCL4</b>	opioid growth factor receptor	
<b>ATCAY</b>	zinc finger CCCH-type, antiviral 1	
<b>LSS</b>	GTP binding protein 2, GTP binding protein 2	
<b>OGFR</b>	FK506 binding protein 1B, 12.6 kDa	
<b>ZC3HAV1</b>	complement factor B1 complement component 2	
<b>GTPBP2,</b>	tripartite motif-containing 21	
<b>Gtpbp2</b>	activating transcription factor 3, activating transcription factor 3	
<b>FKBP1B</b>	solute carrier family 25, member 28, solute carrier family 25, member 28, similar to solute carrier family 25, member 28I solute carrier family 25, member 28	
<b>C2, CFB</b>	poly (ADP-ribose) polymerase family, member 9, poly (ADP-ribose) polymerase family, member 9	
<b>TRIM21</b>		
<b>ATF3, Atf3</b>		
<b>SLC25A28,</b>		
<b>Slc25a28,</b>		
<b>LOC679437,</b>		
<b>Slc25a28</b>		
<b>PARP9,</b>		
<b>Parp9</b>		
<b>LMO2,</b>		
<b>Lmo2,</b>		
<b>LOC1000482</b>	LIM domain only 2 (rhombotin-like 1), LIM domain only 2I similar to LIM domain only 2, LIM domain only 2	
<b>63, Lmo2</b>	atlastin GTPase 3, atlastin GTPase 3	
<b>ATL3, Atl3</b>		
		CACAGATTGTTCTATACA
		GAGTTCCCTTATGAATAT

<b>PSME2,</b>	proteasome (prosome, macropain) activator subunit 2 (PA28 beta), proteasome (prosome, macropain) 28 subunit, betal protease (prosome, macropain) 28 subunit beta B, pseudogene	CCTTCTATGCTGAGCTTTA
<b>Psme2,</b>		
<b>Psme2b-ps</b>		
<b>SEMA6D,</b>	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D, sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	CTATGAAAGGCAAGCATAA
<b>Sema6d</b>		
<b>SC4MOL,</b>		GAAAGAATGCCAAGATGGT
<b>Sc4mol,</b>		
<b>Sc4mol</b>		
<b>LPGAT1,</b>	sterol-C4-methyl oxidase-like, sterol-C4-methyl oxidase-like, sterol-C4-methyl oxidase-like	
<b>Lpgat1,</b>		
<b>LOC317456,</b>		
<b>LOC679692,</b>	lysophosphatidylglycerol acyltransferase 1, lysophosphatidylglycerol acyltransferase 1, hypothetical LOC317456l similar to lysophosphatidylglycerol acyltransferase II similar to lysophosphatidylglycerol acyltransferase 1	GCCTCCAGTGGATAATAGA
<b>LOC683760</b>	lysophosphatidylglycerol acyltransferase 1, lysophosphatidylglycerol acyltransferase 1	CTACATCTGCTATGTAATT
<b>LPGAT1,</b>		
<b>Lpgat1</b>		
<b>ANKS1B,</b>	ankyrin repeat and sterile alpha motif domain containing 1B, imprinted gene in the Prader-Willi syndrome regionl ankyrin repeat and sterile alpha motif domain containing 1B	CACCTGATGGCTAATGGAT
<b>Anks1b, Ipw</b>		
<b>PKLR</b>	pyruvate kinase, liver and RBC	GCATCAAGATCATCAGCAA
<b>GBP5</b>	guanylate binding protein 5	GAGACTCTACTAGATGCAA
<b>MAFK</b>	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	CGGCCACTACCTAATTAT
<b>ANKFY1</b>	ankyrin repeat and FYVE domain containing 1	CGTGGTAAATGGGACTTCA
<b>SCGB2A1</b>	secretoglobin, family 2A, member 1	GTGTAATATGAAGAGTAAT
<b>RGS22</b>	regulator of G-protein signaling 22	GAGTTAGGACCATATGTAT
<b>LPGAT1</b>	lysophosphatidylglycerol acyltransferase 1	CAATAGATATGTGAGTTAA
<b>LAMP3</b>	lysosomal-associated membrane protein 3	GATGAAGAACATATTATA
<b>PSME2</b>	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	GAGAAGAAAGAAGTCATA
<b>SPTBN4</b>	spectrin, beta, non-erythrocytic 4	CTCGAACTTGGCTGGCATA
<b>FCGR1A</b>	Fc fragment of IgG, high affinity Ia, receptor (CD64)	GAATATCTGTCACTGTGAA
<b>LAP3,</b>		CCGAAATTATTGAGAAGAA
<b>LOC389386</b>	leucine aminopeptidase 3l similar to LAP3	CTTTGTCTTCGTCGTATT
<b>JAK2</b>	Janus kinase 2 (a protein tyrosine kinase)	GAACCAAAGCTAGAACCAA
<b>IFRD1</b>	interferon-related developmental regulator 1	
<b>TRIM6,</b>		
<b>TRIM6-</b>		
<b>TRIM34</b>	tripartite motif-containing 6l TRIM6-TRIM34 readthrough transcript	GCAGGAAACATCTTAGAAA
<b>IFNGR1</b>	interferon gamma receptor 1	CTTGGTATAGCATATGTGT
<b>FKBP1B</b>	FK506 binding protein 1B, 12.6 kDa	CTGTCACTTTCTCTCTTAT
<b>FCGR1A</b>	Fc fragment of IgG, high affinity Ia, receptor (CD64)	GTATGTAACTCTTAAAGCA
<b>LTF</b>	lactotransferrin	CCCTCCGTAGCTGCATA
<b>CCDC50</b>	coiled-coil domain containing 50	CTGTGAAATTGCTCAGGAA
<b>CDKN1A</b>	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	CATTAGAATTATTAAACACA
<b>AKT3, Akt3,</b>	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma), thymoma viral proto-oncogene 3, v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)	
<b>Akt3</b>		
<b>JAK2</b>	Janus kinase 2 (a protein tyrosine kinase)	CAGCTCAGACTATTACAAT
<b>CXCR4,</b>		
<b>Cxcr4,</b>	chemokine (C-X-C motif) receptor 4, chemokine (C-X-C motif) receptor 4,	GGCAGAATTAGCAAACCTT
<b>SOCS1,</b>	chemokine (C-X-C motif) receptor 4	
<b>Socs1, Socs1</b>	suppressor of cytokine signaling 1, suppressor of cytokine signaling 1, suppressor of cytokine signaling 1	CTGGTCATGGGTTACCAGA
<b>SOCS1,</b>	suppressor of cytokine signaling 1, suppressor of cytokine signaling 1, suppressor of cytokine signaling 1	GTGGCGGCCGCCGCCGCA
<b>Socs1, Socs1</b>		GTGGCGGCCGCCGCCGCA
<b>PMP22</b>	peripheral myelin protein 22	CATTCCATTATCACTAA
<b>BIRC3</b>	baculoviral IAP repeat-containing 3	CAACACGTTGAAGTAA
<b>B2M</b>	beta-2-microglobulin	CTTATACACTTACACTTAA
<b>FAM129A</b>	family with sequence similarity 129, member A	AGTGCTTGTCTAGCATAA
<b>GBP4</b>	guanylate binding protein 4	CTACAAATGACAAGCAATA

<b>GCH1</b>	GTP cyclohydrolase 1	CCTTATTAATGATTATCTT
<b>IFI16</b>	interferon, gamma-inducible protein 16	AGATCATTGCCATAGCAAA
<b>LOC728467,</b>		
<b>SNX5</b>	sorting nexin 5l sorting nexin 5 pseudogene	AGCATTTAGAAGAACATCTA
<b>UBD</b>	ubiquitin D	GTATTACTGAGACTAGTAA
<b>DDX3X</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	CTATATTCCTCCTCATTTA
<b>ICAM1</b>	intercellular adhesion molecule 1	CATCTGATCTGTAGTCACA
<b>SAMD9L</b>	sterile alpha motif domain containing 9-like	CTGGGAACCTGAAAGCTTA
<b>PMP22,</b>		
<b>Pmp22,</b>	peripheral myelin protein 22, peripheral myelin protein 22, peripheral myelin	CACCAACTGTAGATGTATA
<b>Pmp22</b>	protein 22	CCAATCCGTGGCTGATACT
<b>TRIM21</b>	tripartite motif-containing 21	GATCATGCGGCCACTCATA
<b>NUB1</b>	negative regulator of ubiquitin-like proteins 1	CAGATACTGGAGATCCTCA
<b>APOL1</b>	apolipoprotein L, 1	
<b>LOC727996,</b>		
<b>LOC728216,</b>	ubiquitin specific peptidase 18  hypothetical LOC727996  hypothetical	CAACATTAATTCCATATGA
<b>LOC728253,</b>	LOC728216  hypothetical LOC728253  hypothetical LOC728438	CCATTTAGAGTCTGATAT
<b>LOC728438,</b>		CTTGGAAACAATGGATTGAA
<b>USP18</b>	atlastin GTPase 1	CTCTGCATGTTACATAAGA
<b>ATL1</b>	eukaryotic translation initiation factor 2-alpha kinase 2	CTCTCATTATCTGCAATGA
<b>EIF2AK2</b>	chemokine (C-X-C motif) ligand 10	GATAAAGTTGCTAAGTAA
<b>CXCL10</b>	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	CTCAGACTGTGAAGTATAT
<b>CASP1</b>	cathepsin S	CCGAAGCTATAGTGGCATA
<b>CTSS</b>	ubiquitin-conjugating enzyme E2L 6	CTCTGGAAGCCTGTAGAAA
<b>UBE2L6</b>	family with sequence similarity 3, member C	GAAATATGAGGAAACAGTA
<b>FAM3C</b>	SP110 nuclear body protein	CAGGTTATTCTGGACTTTA
<b>SP110</b>	nicotinamide phosphoribosyltransferase	CAGGTTATTCTGGACTTTA
<b>NAMPT</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	GACTGTGAGTGCAAATAGA
<b>DDX58</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	GTAACACTTCATGGAGAA
<b>DDX58</b>	G protein-coupled receptor 126	CACAAATGGAGTACAATAA
<b>GPR126</b>	tripartite motif-containing 69	CAGTTATACTTGACAATT
<b>TRIM69</b>	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	
<b>MX1</b>	lysophosphatidylglycerol acyltransferase 1	
<b>LPGAT1</b>		TGCAAAGATTGGAAGAAGA
<b>TRIM34,</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript, RIKEN	ACCAACGACCTGCAGCAAT
<b>TRIM6-</b>	cDNA C130089K02 gene	GGGAAGATGATGGCAGATT
<b>TRIM34,</b>	signal transducer and activator of transcription 3 (acute-phase response factor),	AGAAAAGTTCTGATAATCT
<b>C130089K02</b>	signal transducer and activator of transcription 3, signal transducer and activator	AGGACAACATATGCACTCTT
<b>Rik</b>	of transcription 3	AAATTTCAGAGTGTATTAA
<b>STAT3,</b>	ubiquitin D	ACGGTGTTCACCCTACAAG
<b>Stat3, Stat3</b>		AGGAGTGGAATGTAGAGAT
<b>UBD</b>	G protein-coupled receptor 126	TGCTGGTTGCAGGAACCCA
<b>GPR126</b>	kelch repeat and BTB (POZ) domain containing 8	AGGTGGGTTCACTAGAAGA
<b>KBTBD8</b>	tripartite motif-containing 69	ACCAAGACCAGAGCATACA
<b>TRIM69</b>	adenosine deaminase, RNA-specific, adenosine deaminase, RNA-specific,	AGGTGATCCATAGAGATAT
<b>ADAR,</b>	adenosine deaminase, RNA-specific	ACCAATACAGTGGACAGTT
<b>Adar, Adar</b>	egf-like module containing, mucin-like, hormone receptor-like 1	
<b>EMR1</b>	lectin, galactoside-binding, soluble, 3 binding protein	
<b>LGALS3BP</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	
<b>MOV10</b>	p21 protein (Cdc42/Rac)-activated kinase 3, p21 (CDKN1A)-activated kinase 3,	
<b>PAK3, Pak3,</b>	p21 (CDKN1A)-activated kinase 3	
<b>Pak3</b>	p21 protein (Cdc42/Rac)-activated kinase 3	
<b>PAK3</b>	egf-like module containing, mucin-like, hormone receptor-like 1	
<b>EMR1</b>		

<b>MOV10</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	AAGGAGATCGCAGAGATCA
<b>ADAR</b>	adenosine deaminase, RNA-specific	AGGAACCTGTCTAAAGTT
<b>TRIM69</b>	tripartite motif-containing 69	GGACAGTTGCCTTCTACA
<b>ADAR</b>	adenosine deaminase, RNA-specific	AGGGGGATGTCTATAGACA
<b>AKAP8</b>	A kinase (PRKA) anchor protein 8	C CGAAGCAGTTCCAAC TTT
<b>TRIM34,</b> <b>TRIM6-</b> <b>TRIM34</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	
<b>MOV10</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	AGCAGTGCAATGGCTCAA
<b>IL4I1</b>	interleukin 4 induced 1	AAGAAGAAGCTGCAGGAAT
<b>CXCR4</b>	chemokine (C-X-C motif) receptor 4	AAGTTCACCCAGTACGACA
<b>GPR126</b>	G protein-coupled receptor 126	AGGAAGCTGTTGGCTGAAA
<b>LGALS3BP, LOC1001338</b> <b>42</b>	lectin, galactoside-binding, soluble, 3 binding proteinl similar to lectin, galactoside-binding, soluble, 3 binding protein tripartite motif-containing 25	AGGATCCTGTTCAAATAAA
<b>TRIM25</b>	kelch repeat and BTB (POZ) domain containing 8	CCCTCTGACTACAGATACT
<b>KBTBD8</b>	signal transducer and activator of transcription 3 (acute-phase response factor), signal transducer and activator of transcription 3	AGGTGGAGCAGCTAACACA
<b>STAT3, Stat3</b>	5-hydroxytryptamine (serotonin) receptor 1D	AGACCAATGTGCTAAGTAT
<b>HTR1D</b>	p21 protein (Cdc42/Rac)-activated kinase 3	AGAGTCAGGAGACATGCA
<b>PAK3</b>	ubiquitin specific peptidase 18  hypothetical LOC727996  hypothetical LOC728216  hypothetical LOC728253  hypothetical LOC728438	TCGGCAAGCTTTTCAGAAA
<b>LOC727996, LOC728216, LOC728253, LOC728438, USP18</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	GGGATGGATGGCTCTGTTA
<b>TRIM34, TRIM6- TRIM34</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	
<b>MOV10</b>	promyelocytic leukemial similar to promyelocytic leukemia protein isoform 9	TGGATCTACGGAGTCTTCT
<b>LOC652671, PML</b>	tripartite motif-containing 6  TRIM6-TRIM34 readthrough transcript	CACTTTATCACTGATATGA
<b>TRIM6, TRIM6- TRIM34</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	ACGTTAGTGGAGGCAATT
<b>DDX3X</b>	A kinase (PRKA) anchor protein 8	AGGAAGGTCAAGATGG
<b>AKAP8</b>	adenosine deaminase, RNA-specific	TGGACCTTCCTGTCTGGAA
<b>ADAR</b>	chemokine (C-X-C motif) receptor 4	TGGAGTTCTAGCAAAGATA
<b>CXCR4</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	CCCAGCTACAGCTACGACT
<b>MOV10</b>	G protein-coupled receptor 126	AGTGAGTTAATGAAATACA
<b>GPR126</b>	A kinase (PRKA) anchor protein 8	AGTATATACACTTCAGATA
<b>AKAP8</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	CCGGCAAGACTGTCACGTT
<b>DDX3X</b>	kelch repeat and BTB (POZ) domain containing 8	AGGAAAATCTTTGTCTTCA
<b>KBTBD8</b>	interleukin 4 induced 1	CAGAAATATGCTGTAATCTA
<b>IL4I1</b>	kelch repeat and BTB (POZ) domain containing 8	AGATGAAGATGATTGGTCA
<b>KBTBD8</b>	egf-like module containing, mucin-like, hormone receptor-like 1	AAGAGAAGATCTATGTTT
<b>EMR1</b>	tripartite motif-containing 25	AGGCATGATGAAGAAGTTGA
<b>TRIM25</b>	lectin, galactoside-binding, soluble, 3 binding proteinl similar to lectin, galactoside-binding, soluble, 3 binding protein	TCGGAGATCGATCAAAAGA
<b>LGALS3BP, LOC1001338</b> <b>42</b>	tripartite motif-containing 21	ACGATGGACTTTCCCTGT
<b>TRIM21</b>	ubiquitin specific peptidase 18  hypothetical LOC727996  hypothetical LOC728216  hypothetical LOC728253	CAGAGCACCATAGACCTCA
<b>LOC727996, LOC728216, LOC728253, USP18</b>	A kinase (PRKA) anchor protein 8	CGGAAGTCACAAC TGGTCT
<b>AKAP8</b>		GCAGAGTTGTGCAGCAAA
		AGCATTGTTTCAAAC TAT
		AGCTACGACTATGAGTTCG

<b>STAT3, LOC1000452 96, Stat3, Stat3</b>	signal transducer and activator of transcription 3 (acute-phase response factor), signal transducer and activator of transcription 3l similar to Stat3B, signal transducer and activator of transcription 3	TGAGTTGAATTATCAGCTT TGCAGAAAGGCGATGAAGA
<b>IL4I1</b>	interleukin 4 induced 1	AGGAGCTCATCTCAGAGCT
<b>TRIM21</b>	tripartite motif-containing 21	AGATGAACCTTCAACAGCA
<b>PAK3</b>	p21 protein (Cdc42/Rac)-activated kinase 3	TGGTGAACACAACCTTAAAGA
<b>TRIM21</b>	tripartite motif-containing 21	ACAGAGAACCTCTCAATAA
<b>EMR1</b>	egf-like module containing, mucin-like, hormone receptor-like 1	
<b>DDX3X, Ddx3x, LOC1000459 23, Ddx3x</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3, X-linkedl similar to DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked, DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked p21 protein (Cdc42/Rac)-activated kinase 3, p21 (CDKN1A)-activated kinase 3 chemokine (C-X-C motif) receptor 4	AGCTTCAAGAACTCGCAGT TCCAAAGAAAACAGTCACACA TGAGTCTGAGTCTTCAAGT
<b>PAK3, Pak3</b>	Mov10, Moloney leukemia virus 10, homolog (mouse), Moloney leukemia virus 10, Moloney leukemia virus 10 nucleoporin 62kDa interleukin 4 induced 1	CCTGGAGTTCTGTAAAGAA
<b>CXCR4</b>	tripartite motif-containing 21	TGGCACTGCAAAGACGGCA
<b>MOV10,</b>	interleukin 4 induced 1	AGAGCATACCTGGAAATGA
<b>Mov10,</b>	G protein-coupled receptor 126	AAGGCGATGAAGAAGTTG
<b>IL4I1,</b>		TGATGGAGATCAAACATCA
<b>NUP62</b>		
<b>TRIM21</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	CATATTTCAAGAGAAAGTT
<b>IL4I1</b>	chemokine (C-X-C motif) receptor 4	CACTGAGTCTGAGTCTTCA
<b>GPR126</b>	5-hydroxytryptamine (serotonin) receptor 1D	AGGTACTGGCAATCACAG
<b>TRIM34,</b>	promyelocytic leukemia	TGGAGAGGATGTCTCCAAT
<b>TRIM6-</b>	ubiquitin D	TGGCAGATTACGGCATCAG
<b>TRIM34</b>	kelch repeat and BTB (POZ) domain containing 8	AGGACTCTATCTACTACAT
<b>CXCR4</b>	adenosine deaminase, RNA-specific	AGGAACGTGAGTATCTACCA
<b>HTR1D</b>	tripartite motif-containing 21	AGTGGAAACACAGAAATCT
<b>PML</b>		
<b>UBD</b>		AAGGTGAACCTTACCTTCA
<b>KBTBD8</b>	Mov10, Moloney leukemia virus 10, homolog (mouse), Moloney leukemia virus 10, Moloney leukemia virus 10 tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	TGCAACTGACTCATCTGCA
<b>ADAR</b>		TGAGTTATGAGAGATGCTT
<b>TRIM21</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	GAGTTATGAGAGATGCTTA
<b>MOV10,</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	TGGGTTGACGTGACCCTGA
<b>Mov10,</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	AGCTACAGCTACGACTATG
<b>TRIM34,</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	CCGAACTCAACATCTCTCA
<b>TRIM6-</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	CAGTATATACACTTCAGAT
<b>TRIM34,</b>	tripartite motif-containing 6  TRIM6-TRIM34 readthrough transcript	CCCTCGGTGTTGCTCATCA
<b>TRIM34,</b>	A kinase (PRKA) anchor protein 8	CGCTAAAAGACACCAGGTT
<b>TRIM6-</b>	tripartite motif-containing 25	TGGGGAGAATGACACATCA
<b>TRIM34</b>	chemokine (C-X-C motif) receptor 4	TCCAAGCTGTCACACTCCA
<b>AKAP8</b>	5-hydroxytryptamine (serotonin) receptor 1D	AGGAGTTAGGACCAGAAGA
<b>TRIM25</b>	egf-like module containing, mucin-like, hormone receptor-like 1	
<b>CXCR4</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	
<b>HTR1D</b>	chemokine (C-X-C motif) receptor 4, chemokine (C-X-C motif) receptor 4, chemokine (C-X-C motif) receptor 4	
<b>EMR1</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	
<b>MOV10</b>		
<b>CXCR4,</b>		
<b>Cxcr4,</b>		
<b>TRIM34,</b>		
<b>TRIM6-</b>		
<b>TRIM34</b>		

<b>AKAP8</b>	A kinase (PRKA) anchor protein 8	AGCACCAAGCTGCCGACA
<b>MOV10</b>	Mov10, Moloney leukemia virus 10, homolog (mouse)	TGCCTGACCCCTGAACCAGA
<b>CXCR4</b>		CAGATAACTACACCGAGGA
<b>TRIM34,</b>		
<b>TRIM6-</b>		
<b>TRIM34</b>		
<b>STAT3</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	CAGGTACATCAAGGAATCA
	signal transducer and activator of transcription 3 (acute-phase response factor)	ACGGAAGCTGCAGAAAGAT
<b>GPR126</b>	G protein-coupled receptor 126	TGGAAGAGTTGTCATCACT
<b>UBD</b>		AGTGACATGATTTTACTA
<b>TRIM34,</b>		
<b>TRIM6-</b>		
<b>TRIM34</b>		
<b>TRIM34,</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	TGCATCACTGTGAGCAACA
<b>TRIM6-</b>		
<b>TRIM34</b>		
<b>LGALS3BP,</b>	tripartite motif-containing 34  TRIM6-TRIM34 readthrough transcript	GAGAGATGCTTATTATTTC
<b>LOC1001338</b>	lectin, galactoside-binding, soluble, 3 binding protein  similar to lectin, galactoside-binding, soluble, 3 binding protein	TGGTCTGAGGTCAATTAAAA
<b>42</b>		ACCTCAAGATTGACAATGA
<b>PML, Pml</b>	promyelocytic leukemia, promyelocytic leukemia	CCAGAAATATGCTGTAATCT
<b>AKAP8</b>	A kinase (PRKA) anchor protein 8	
<b>LOC727996,</b>		
<b>LOC728216,</b>		
<b>LOC728253,</b>		
<b>LOC728438,</b>	ubiquitin specific peptidase 18  hypothetical LOC727996  hypothetical LOC728216  hypothetical LOC728253  hypothetical LOC728438	ACATGAAGATGGAGTGCTA
<b>USP18</b>	p21 protein (Cdc42/Rac)-activated kinase 3	CCACTGAGGTGAATAGTA
<b>PAK3</b>		
<b>LOC727996,</b>		
<b>LOC728216,</b>		
<b>LOC728253,</b>		
<b>LOC728438,</b>	ubiquitin specific peptidase 18  hypothetical LOC727996  hypothetical LOC728216  hypothetical LOC728253  hypothetical LOC728438	TACATGAAGATGGAGTGCT
<b>USP18</b>	5-hydroxytryptamine (serotonin) receptor 1D	AGAGGATTCTGCTGCTCG
<b>HTR1D</b>		AGAACAAAAACCTAATTGA
<b>C2orf64</b>	chromosome 2 open reading frame 64	CAAGTGTCCCTATGCTTA
<b>SLC15A3</b>	solute carrier family 15, member 3	TGATCAGAGGTGTACACTA
<b>IRF1, Irf1</b>	interferon regulatory factor 1, interferon regulatory factor 1	CCGGTCACTATGGACAGTT
<b>NPM3</b>	nucleophosmin/nucleoplasmin, 3	AAAAGATCAGTGTGGATA
<b>C2orf64</b>	chromosome 2 open reading frame 64	AACTTAATTCTGTTACACA
<b>SLC1A3</b>	solute carrier family 1 (glial high affinity glutamate transporter), member 3	CGGTCACTATGGACAGTT
<b>NPM3</b>	nucleophosmin/nucleoplasmin, 3	CGGATGGACCTCTACTTCT
<b>SLC15A3</b>	solute carrier family 15, member 3	TGGTTTACTGGAGCATCA
<b>NPM3</b>	solute carrier family 15, member 3	TGGATAAAGGTTGAATAA
<b>SLC15A3</b>	nucleophosmin/nucleoplasmin, 3	AACCTCGTGTACTGGTTT
<b>SLC15A3</b>	solute carrier family 15, member 3	CGCTTCTCAACTGGTTT
<b>C2orf64</b>	chromosome 2 open reading frame 64	GAGTTGTTTCGAATATGT
<b>SLC1A3</b>	solute carrier family 1 (glial high affinity glutamate transporter), member 3	AGGACAATGAAACTGAGAA
<b>SLC15A3</b>	solute carrier family 15, member 3	GCGCTCAGCCTGCTGCTCT

For each shRNA, the list contains the target gene symbol, and gene definition, and the 19-nucleotide shRNA seed sequence.